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Meteorological Office dup

# METEOROLOGICAL OBSERVATIONS

RECORDED AT

## SEVEN STATIONS IN INDIA

IN THE YEAR

## 1887,

CORRECTED AND REDUCED.

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# DESCRIPTION OF THE STATIONS.

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CALCUTTA.—*E. longitude 88°20′, N. latitude 22°32′. Elevation of barometer cistern 21·38 feet above sea-level.*

CALCUTTA is situated on the left bank of the Hooghly river, 68 miles from the sea and about the same distance from the western edge of the Gangetic alluvium, which formation stretches away northwards to the Himalaya, 400 miles distant, and eastward 200 miles, nearly to the Tipperah hills. About 3 miles to the east of Calcutta is the margin of the Salt-lake, a shallow brackish lagoon in an unfilled depression of the delta. To the south of this, much of the Sunderbun land is still unreclaimed from jungle, but elsewhere the greater part of the country is under rice cultivation. Undrained swamps occur in many directions around Calcutta, and over all parts of the delta. About 20 miles below Calcutta (as the crow flies), in the direction south by west, the Hooghly river expands into a broad estuary, which affords a free passage to winds blowing up from the sea.

The present Observatory is situated in the suburb of Alipore, to the south of the city, and of the extensive open grassy plain, the *maidan*, which extends along the bank of the Hooghly, 2 miles in length, between Alipore and the commercial and densely-built part of the city. This suburb consists of country-houses, nearly all of which are surrounded by parks, or gardens, of considerable extent, including Belvedere (the official residence of the Lieutenant-Governor of Bengal), the Military Orphan Asylum, and the large plot of ground now laid out as a Zoological Garden. The Observatory was built in 1875, on a corner of the grounds attached to the Military Orphan Asylum. These grounds, which are very open and have but few trees, stretch a quarter of a mile to the north-west of tbe Observatory. On the east is the Zoological Garden, more thickly planted with shrubs and small trees, few of which are as high as the Observatory building; and on the south, at about a furlong distance, is the parade ground of the Alipore cantonment. There are a few trees around this higher than the Observatory building, but at such a distance as but little to affect the wind from that quarter.

*Instruments.*—The barometer, the readings of which are regularly registered at 6 and 10 A M. and 4 and 10 P M., is suspended in a room on the ground-floor, at the south-east corner of the Observatory building, which is enclosed on the west, south, and east by a verandah. It is a Newman's standard, No. 112, with a moveable scale, the readings of which are ·003 higher than those of the old Calcutta standard; which amount is deducted from all the readings. The tube is 0·525 inch in diameter. The cistern, as noticed above, is 21·38 feet above mean sea-level, and therefore 3·27 feet higher than that of the barometer, which, up to 1876, was read hourly at the Surveyor-General's Office in Chowringhee, a mile and a half to the north-east of the present Observatory. The

readings, as corrected, are believed to be ·011″ higher than those of the Kew standard barometer; this being the result of a comparison of the old Calcutta standard, made in 1871, with eight barometers which were sent out from England with Kew corrections indirectly determined. It requires, however, further verification.

The Kew barograph is in an inner room, specially built for the purpose. It is surrounded by double walls with an intervening air space, perforated by four small openings at the floor level, for ventilation, and surmounted by an upper room, which shields the barograph room from direct heating by the sun. So complete is the protection thus afforded against changes of temperature that it is found, as the result of three years' observations, that the temperature of the mercury does not vary more than 1° during 24 hours, when the range of air temperature outside is upwards of 20°. The traces of the barograph are measured, and each measurement is reduced separately for temperature with the help of a table specially computed for the instrument.[1]

The thermometers for the temperature of the air are suspended in a cage of the form and dimensions represented on Plate I, Part I, of the Indian Meteorologists' Vade Mecum (2 feet broad, 1 foot 9 inches high, and 4 inches deep), and in the manner there shown. The cage is attached to the more southerly of the two posts supporting the ridge pole of a thatched shed, 20 feet long and 14 feet wide, open on all sides up to the eaves, which are 4 feet 8 inches above the ground. The shed is constructed in accordance with the drawing on the plate above referred to, the floor being of dry powdered brick. It stands 71 feet to the north of the Observatory building, and, during the cold weather months, is more or less in the shade of four trees (mango and *devdar*), which grow between it and the main building. The ground all around is covered with grass, which at all seasons is more or less green. The cage is fixed 3 feet 6 inches above the ground level of the shed, and the bulbs of the thermometers range between 3 feet 9 inches and 4 feet 3 inches above the same level.

The hygrometer, the readings of the dry bulb of which are taken for the temperature of the air, consists of two thermometers of the Kew pattern, with porcelain scales and bulbs $\frac{1}{4}$ inch diameter. The dry bulb (Casella, No. 12053)[2] has been in use continuously since 1877. The wet bulb (Casella, No. 12054) was also continuously in use up to the 27th August 1885, when it was accidently broken, and was replaced by a similar instrument (Casella, No. 20987.)[2] The dry and wet bulbs are at the opposite ends of the cage, as shown in the plate above referred to, and being freely exposed to the wind, it may be fairly assumed that the evaporation of the latter can exercise no appreciable influence on the readings of the former.

The maximum and minimum thermometers are suspended in the interspace, the bulb of the maximum to the left, and those of the dry and wet minimum to the right. The maximum thermometer is a mercurial thermometer (Negretti and Zambra's No. 7762),[2] the column of which detaches at a constriction above the bulb. The minimum thermometers (dry-bulb Negretti and Zambra's No. 5057, and wet bulb by the same makers

[1] The screen and lever which are attached to the instrument for compensating the temperature variations were injured by an accident which occurred not long after the instrument was set up, and, although repaired, have never worked satisfactorily.

[2] All these thermometers were removed for re-verification on the 1st November 1886, their places being supplied by other similar instruments recently verified, as a temporary measure. They have been restored to their former positions since the beginning of 1887.

No. 4482)[1] are spirit thermometers of Rutherford's pattern. All the thermometers, excepting the wet bulb of the hygrometer (Casella, No. 20987), were verified, in 1876, at the freezing point, and at higher temperatures through the range of the recorded readings, by comparison with a Kew standard thermometer, No. 374; and again in November 1880. The wet bulb (Casella, No. 20987) was verified in April 1885. The corrections thus obtained have been applied to all the readings. The same instruments, with the exception noted, have been in use since the Observatory was started in 1877.

The Kew thermograph is placed in the north room of the Observatory, on the ground-floor; and the bulbs, which project from the building, are exposed under a wooden penthouse with double roof and doubly-louvred side, and are 5 feet above the ground. The range of temperature shown by this instrument is less than that afforded by the readings in the thermometer shed, and the mean temperature slightly higher.

The thermometer for nocturnal radiation, a spirit thermometer without an attached scale, is laid on a pad of country blanket, 1 foot square, which is exposed on the grass 36 feet to the north of the thermometer shed, a small space being railed in for the purpose of protection. The instrument that had been observed from 1877 to 1885 (Negretti and Zambra's No. 4908) had a spherical bulb 0·55 inch diameter. It was accidentally broken on the 11th January 1885, and was replaced by a thermometer (Negretti and Zambra's No. 54562), with a cylindrical bulb 0·35 inch diameter, and 1.57 inches long. This remained in use till the 30th December 1885, when it also was broken, and was replaced by a similar instrument (Negretti and Zambra's No. 57585).

The thermometer for solar radiation is exposed on a stand 4 feet high, over a well-grassed part of the compound, 30 feet to the north-east of the thermometer shed, and about 83 feet to the north of the Observatory building. The instrument, in use up to the 5th October 1882, was a Negretti and Zambra's patent maximum *in vacuo*, No. 10377; the bulb, $\frac{2}{3}$ inch diameter, together with $\frac{1}{2}$ inch of the tube adjoining being blackened. Since that date, a similar instrument, No. 65177, by J. Hicks, exhausted to a vacuum, which allows an electric discharge to pass between platinum electrodes fused into the glass, has been substituted. The readings are corrected to those of an arbitrary standard, Casella's No. 9174, which is used as the common standard for all thermometers of this class, issued from the Alipore Observatory. The comparison has been made by exposure, side by side, to the sun for thirty or forty days, and the mean difference of the readings is adopted as a correction.

The Sunshine Recorder, one of Stokes-Whipple pattern by Casella, is placed on a small pillar erected on the north-west corner of the Transit building at a height of about 21 feet from the ground level.

The rain-gauge is a Symon's gauge, 5 inches in diameter, and is exposed in the grassed compound, 56 feet to the north of the thermometer shed. The mouth is 1 foot above the surface of the ground.

The self-registering Beckley's rain-gauge is placed on the south-east turret of the Observatory building, the collecting funnel being on the apex of the turret, 53 feet above the ground, and the recording apparatus in the turret room below. There is also another

[1] All these thermometers were removed for re-verification on the 7th September, their places being supplied by other similar instruments recently verified, as a temporary measure. They have been restored to their former positions since the 17th November 1887.

self-registering rain-gauge, attached to the Osler's anemometer, on the north-east turret of the building.

The wind direction and movement are obtained with a Beckley's anemograph, and the direction and pressure with an Osler's anemometer, the former being set up on the north-west turret, and the latter, as above mentioned, on the north-east turret of the building. The cups of the former instrument, which was in use to the end of October 1884, were 52 feet above the ground. In November 1884 this was dismounted, and replaced by a new instrument by Casella, of similar dimensions, but with some improvements in the construction. It began to work on the 14th November.

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ALLAHABAD.—*E. longitude 81° 52′, N. latitude 25° 26′. Elevation of barometer cistern 309·28 feet above sea-level.*

ALLAHABAD is situated near the junction of the Ganges and Jumna, about 20 miles from the southern margin of the great Gangetic plain, 430 miles from the Bay of Bengal, 625 from the Gulf of Cambay, and 200 from the outer Himalayan range in Nepal. The fort, built by the Moghul emperor Akbar, overlooks the confluence of the rivers; the city lies near the bank of the Jumna from half a mile to a mile up stream; north and north-west of this lie the European station and new cantonments, and the observatory is situated in the old north cantonments, known as the Chatham Lines, nearly three miles NNW from the fort and about a mile from the nearest point on the bank of the Ganges. Near the fort and bordering on the Ganges east of the Observatory are considerable stretches of new alluvium or *Khadir* land, subject to inundation in high floods, but the cantonments are on the old high alluvium, which near the observatory is gently undulating and consequently is never under water.

The Observatory is attached to a building erected in 1885 for the accommodation of the provincial Meteorological Office. Previous to December 1885 the observations were made at the private residence of the Meteorological Reporter, but before the change was effected, comparative observations of temperature and humidity at both sites were carried on for a period of two years. The immediate surroundings of the present site are such as to make the observations very fairly represent the meteorological conditions of the surrounding country. From south-south-west round to east stretches the cavalry parade ground, a gently undulating plain about half a mile broad, covered most of the year with short grass, and the observatory stands nearly at its highest point. On the south-east and south lies the compound of the Commissioner's Office, for the most part open and grassy, but with a few large *Nim* trees towards the south.

For some months a self-recording meteorograph of Van Rysselberghe's construction was in use, but as it could not be got to work regularly and unfailingly, it has been sent back to the maker for regulation and repair, and the observations here given have all been made by eye. The barometer, No. 627 Casella, is hung in the computing room of the office against the north wall, the cistern being at a height of 3 feet above the floor, or 309·28 feet above mean sea-level. Alongside of it, at the same level, is hung an alternative instrument, No. 43 Newman, for use in case the smaller instrument should get out of order. From time to time comparative readings of the two instruments and of others sent up from Calcutta are made, with the result that while the correction of New-

man No. 43 to the Calcutta standard remains perceptibly unchanged that of Casella No. 627 has been slowly rising for some years, but the rise seems now to have ceased. Thus the following corrections have been at various times deduced :—

| Date. | Correction of No. 627 Casella to Calcutta standard. |
|---|---|
| January 1879 | +·002″ |
| January 1886 | +·004″ |
| September 1886 | +·007″ |
| January 1887 | +·006″ |

Throughout the year 1887 the correction +·006″ has been employed.

The thermometers for air temperature are suspended under a shed of oval form placed within a railed enclosure about 20 yards square on a grass plot south-west of the main building. The shed consists of an ornamental thatched roof mounted on slender cut stone pillars. Its dimensions are in ground plan 20 feet by 16, the larger diameter running nearly north and south. The eaves are 5 feet from the ground and the centre of the roof is 12 feet high. The thermometer cage is mounted between two posts 4 feet apart in the centre, and the bulbs of the instruments are from 4 feet 3 inches to 4 feet 9 inches above the ground. Small moveable screens of straw matting are used to cut off the horizontal rays of the sun when they penetrate under the eaves. The thermometers used during the year were the following :—

| | | |
|---|---|---|
| Dry-bulb | No. 8715 | Casella. |
| Wet-bulb | No. 8716 | Casella. |
| Maximum | No. 43589 | Negretti and Zambra. |
| Dry Minimum | No. 4173 | Negretti and Zambra. |
| Wet Minimum | No. 40119 | Negretti and Zambra. |

These have all been verified by comparison with a Kew standard at various temperatures, and corrections have been applied to all the readings.

The solar thermometer is placed on a white painted wooden stand 3 feet 9 inches above the ground within the railing above mentioned. The instrument No. 9229, Negretti and Zambra, has been in use since the beginning of 1876, first at the old Observatory and then in its present position since 1st April 1887. The instrument for nocturnal radiation No. 57567, Negretti and Zambra is placed on a pad of blanket 2 inches high, also within the enclosure.

On a small pillar rising from the centre of the terraced roof of the building, at about 25 feet from the ground level, is placed a sunshine recorder of the Stokes-Whipple pattern.

At the north end of the roof an anemograph tower rises 20 feet higher, but the instrument mounted on it, being designed as a part of the electric meteorograph, has not up to the present given any useful records. The anemometer used is a small one by Casella mounted on a pillar at the south-east corner of the roof with cups 26 feet above the ground. At the same height is a wind-vane on the south-west angle of the roof.

The rain-gauge is one of Symon's pattern, 5 inches in diameter. It is placed with the funnel 11 inches above the ground within the railed enclosure at a distance of about 7 yards to the west of the thermometer shed.

LUCKNOW.—*E. Longitude 81°, N. latitude 26° 50′. Elevation of barometer cistern 369·4 feet above sea-level.*

LUCKNOW is situated in the very heart of the great Gangetic plain, about half way between the hills of the outer Himalaya and the margin of the high ground which bounds this plain, a short distance to the south of the Jumna. It is 550 miles (in a direct line) distant from the sea, and 100 miles from the foot of the Himalaya. The densely built native city lies a mile or less from the left bank of the Goomtee, a small river which drains a portion of the plain of Northern Oudh; and this interval is occupied by parks and gardens, in which stand (partly in ruins) the buildings, such as the Dilkhoosha, the Martiniere, the Secundra Bagh, the Chattar Manzal, and the Residency, the names of which have acquired a world-wide renown as the theatres of many a thrilling episode in the story of the defence, relief, and capture of Lucknow.

The Observatory is situated at the Museum. Up to June 1885 it was situated in a building connected with the Palace, and standing a few yards to the south-east of the Residency, and about the same distance from the bank of the Goomtee river on the north-east. The barometer and anemograph were then removed to another building, about 200 yards distant, known as the Farhat Baksh, which is about 25 feet loftier than the old Museum. To the south-east, at a distance of about 20 yards, is the Lal Baradaree in which the Museum is at present situated, and the Chattar Manzal, a loftier building than the Farhat Baksh, stands about 200 yards to the north-east. Between these buildings and the river is a stretch of open grass land, about 120 yards across, and three or four times as much long. In other directions around, no building in the immediate neighbourhood ranges higher than the Fahrat Baksh; but there are numerous trees, which however with the exception of a *casuarina* near the north-east corner, are scarcely so high as the building.

*Instruments.*—Up to the 18th June 1885, the barometer was suspended in the south-east corner room on the ground-floor of the building. The cistern was 2 feet 6 inches above the floor and 369·4 feet above sea-level, as referred to a datum level on the Museum building, determined by an officer of the Great Trigonometrical Survey, when engaged in running the main line of levels from Kurrachee to Calcutta. It was removed on the 18th June to the new Museum Office, and suspended at exactly the same elevation. The barometer, which has been in use at this station since the 20th September 1872, is an Observatory barometer by Casella, on the Kew principle[1] (No. 648), with a tube 0·4 inch in diameter. It was verified by comparison with a secondary standard at Lucknow in December 1875; again by Mr. S. A. Hill, Meteorological Reporter for the North-Western Provinces, in October 1879, and subsequently on the 24th May 1880; and finally by myself in November 1880; in all cases by comparison with portable secondary standards. The resulting corrections to the old Calcutta standard were found to be respectively as follows[2]:—

| | | Correction. |
|---|---|---|
| J. Eliot . . . . . | December 1875 | +0·143 inch. |
| S. A. Hill . . . . . | October 1879 | +0·134 „ |
| Ditto . . . . . | May 1880 | +0·143 „ |
| H. F. Blanford . . . . . | November „ | +0·145 „ |
| Observer . . . . . | „ „ | +0·156 „ |

[1] Without cistern adjustment, but with a scale contracted to allow for the change of level in the cistern.

[2] The correction to the Kew standard, sent out with the instrument, was +0·136. As the old Calcutta standard was found to read ·011 higher than the Kew standard, this would make the correction to the former +0·147.

From this, despite the slight discrepancy of some of the results, it may be safely concluded that the correction values of the instrument have remained practically unaltered, and the readings comparable *inter se.*

The thermometers for air temperatnre are suspended under a thatched shed, of octagonal form, 9 feet in diameter, enclosed at the sides with louvres and wire-netting, which stands on the middle of the grass-plot to the east of the building, and 55 yards distant from it. A pair of uprights within the shed are connected by cross-bars, on which the thermometers are suspended, the bulbs of the thermometers ranging from 4 feet 3 inches to 5 feet above the gronnd.

The standard thermometer (Casella, No. 12682), with a cylindrical bulb and a porcelain scale (graduated also on the stem), has been in use since the 3rd December 1875. Its readings are regularly entered in the register; but, being less sensitive than the hygrometer dry-bulb, the readings of the latter instrument are taken for the air temperature in the published reports. It was verified at Allahabad in 1875.

The hygrometer is of the Kew pattern, two independent thermometers with pea-bulbs, $\frac{2}{5}$ inch diameter, graduated on the stem and mounted on porcelain scales (Casella Nos. 24039 and 24040). They have been in use since the 9th August 1876, having been verified at the Meteorological Office, Calcutta, in July of the same year. The wet bulb is 14 inches distant from the bulbs of minimum and maximum dry thermometers, and at a greater distance from those of other instruments.

The maximum (Negretti and Zambra's patent, No. 10111) was brought into use at the same date as the hygrometer, having been verified also in July 1876. It was withdrawn on the 16th April 1886, and, on re-verification, the scale readings were found to have risen 0·6°, to the full extent of which error all recent readings have been subjected. It was replaced by a similar instrument by the same makers, No. 9332.

The minimum dry bulb, a spirit thermometer (Casella, No. 8887), was verified at Calcutta in February 1876, and brought into use on the 25th of that month. It was withdrawn on the 24th September 1886, and on re-verification at Alipore found to have risen 0·3° in scale value. A similar instrument by the same maker, No. 13939, was substituted.

The minimum wet bulb, of similar pattern (Casella, No. 8874), was verified in October 1875, and brought into use at Lucknow on the 5th December of the same year. It was withdrawn on the same date as the preceding, re-verified, and found to be unchanged at temperatures of 53° and upwards; but the previous correction at lower temperatures was too small by + 0·1°. It was replaced by a Rutherford's minimum (Negretti and Zambra's No. 37883).

The radiation thermometers and the rain-gauge are exposed on a portion of the grass-plot, 45 feet in diameter, railed in around the shed. The thermometer for nocturnal radiation, a minimum spirit thermometer with a spherical bulb and without attached scale (Negretti and Zambra's No. 37877), is exposed on a pad of country blanket, 1 foot square, which is laid on the ground. It has been in use since the 11th March 1878.

The solar radiation thermometer (Negretti and Zambra's patent, No. 38310), in use up to the 8th April, is similar to that in use at Calcutta up to October 1882, and was exposed on a stand of the regular Indian pattern, 4 feet above the ground. It was verified at Alipore between January and March 1879, and was brought into use on the 4th May of the same year. On the 9th April 1884, another instrument of a similar pattern, also

verified at Alipore (Negretti and Zambra's No. 46904), was subtituted for the above, and remained in use till the 3rd June 1885, when it was accidentally broken. On the 15th September it was replaced by a similar instrument by the same makers (No. 37989); and this remained in use till the 2nd June 1886, when it was stolen. The instrument substituted, Negretti and Zambra's No. 37535, was broken on the 27th July, and Negretti and Zambra's No. 37533, which replaced it on the 13th August, remained in use till the end of the year 1887. The readings are corrected to those of the arbitrary standard at Alipore.

The rain-gauge is of Glaisher's pattern, 8 inches in diameter, and the receiver is partially buried in the ground, 10 feet to the south-east of the shed, the rim of the receiving funnel being 8 inches above the ground.

The anemograph (Beckley's pattern) is now mounted on the roof of the Fahrat Baksh, a flat-terraced roof surrounded by a balustrade. From the beginning of August 1881 to the date of the removal of the Observatory to the Farhat Baksh, it was erected on the top of a tower, forming part of the old Museum building, and of about the same height, but with the upper half free and detached. On the 18th July 1885 it was removed to the present position, 58 feet above the ground, and the exposure in this new site is described as being as good as could be desired. The cups are about 7 feet above the balustrade on the north, south and east, and 2 feet on the west.

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LAHORE.—*E. longitude 74° 20′, N. latitude 31° 34′. Elevation of barometer cistern 702·22 feet above sea-level.*

LAHORE is situated on the plain of the Punjab, at a distance of 80 miles from the foot of the Himalaya, and within a mile of the left bank of the Ravi, one of the five rivers from which the province takes its name. The civil station, Anarkali, to the south of the city, is well planted with trees, but the plain around is quite open, and either under field cultivation or covered with coarse grass; and, to the south, with a dwarf scrub of *capparis* and camel-thorn, the characteristic plants of the dry desert tract. Up to the end of 1884, the Observatory was situated at the Mayo Hospital, within a few hundred yards of the city walls, to the south-east of the town.

On the 1st January 1885, a new Observatory, destined to replace the above, was opened at a house in the immediate vicinity of the district jail, about 4 miles from the Mayo Hospital, and the same distance south of the city. The house, a substantial brick-work building of one story, stands in an open compound, about a furlong distant from the jail wall, and the barometer is suspended in an inner room, the cistern at an elevation of 702·22 feet above the sea-level. This is 29·67 feet lower than the position of the barometer cistern at the Mayo Hospital, and a corresponding correction must be applied to the barometer readings, hitherto recorded, to render them comparable with those of the new Observatory.

The barometer is the same as that observed regularly since the 1st January 1880, having been removed from the former to the present site. It is an Observatory barometer on Fortin's principle, by Casella (No. 753), having a tube of about 0·4 inch internal diameter, and with a correction of + ·013″ to reduce its readings to the value of the old Calcutta standard.

The thermometers are exposed under a thatched octagonal shed of the usual construction, consisting of a thatched pitched roof, 6 inches thick, measuring 22 feet × 18

feet, and open all round, the eaves 5 feet above the ground. It has an opening for ventilation immediately under the ridge pole, facing the north, and measuring 1 foot 6 inches square. The cage, of the form represented in Plate I of Part I of the Vade Mecum, is fixed to a post under the ridge pole; the bottom is 2 feet 10 inches above the floor of the shed and 3 feet 4 inches above the general level of the ground around.

A new set of thermometers has been installed at the new Observatory, the former instruments being retained at their former site, where they have been observed for 2 years, for comparison with the corresponding registers of the new Observatory.

On the 11th January 1886 both sets of instruments were carefully re-verified, with the following results:—

*Thermometers at the old Observatory.*

| | Last verification. | Change of scale value. |
|---|---|---|
| Dry bulb of Hygrometer, N. & Z., 2938 | July 1876 | + 0°5 |
| Wet „ „ „ „ | „ „ | + 0·6 |
| Maximum, N. & Z. patent, 10355 | „ „ | + 0·7 |
| Dry minimum, Casella, 8909 | May 1875 | + 0·2 |
| Wet „ N. & Z., 5457 | July 1876 | + 0·3 |

It is probable that the registers of the last three or four years have been affected by the above changes in the scale values of the instruments to the full extent, and allowance for this must be made in comparing the present with the past registers.

The thermometers, in use at the new Observatory from the 1st February 1885[1], are the following, and the changes recently determined, in most cases very small, may be considered also to have affected the registers of 1885 to their full amount.

*Thermometers at the new Observatory.*

| | Last verification. | Change of scale value. |
|---|---|---|
| Dry bulb of hygrometer, N. & Z., 2570 | December 1883 | + 0°1 |
| Wet „ „ „ „ | „ „ | 0 |
| Maximum, Casella, 8103[2] | February 1877 | + 0·4 |
| Dry minimum „ 54178 | July 1884 | 0 |
| Wet „ „ 54179 | April „ | — 0·2 |

The thermometers for solar radiation have been changed thrice. They are:—

| Maker. | No. | Period in use. |
|---|---|---|
| Casella | 9164 | 1st to 31st January 1885. |
| „ | 53180 | 1st February to 16th April 1885. |
| „ | 16359 | 17th April 1885 to 19th January 1886. |
| Negretti and Zambra | 57528 | 20th January 1886 to present time. |

[1] In January 1885 a set of instruments was temporarily employed which have not been re-verified.

[2] In use since the 22nd July 1885. Previously two other instruments had been in use; one in January, and another from February to July. Neither of these were re-verified.

The Sunshine recorder, one of Stokes'-Whipple pattern by Casella is placed on a small square pillar surmounted by a marble stone erected 30 feet 6 inches to the north of the thermometer shed.

The solar radiation thermometer is exposed on a stand, 3 feet 6 inches above the ground, in the immediate neighbourhood of the thermometer shed.

The thermometers for nocturnal radiation have also been changed twice. They are as follow:—

| Maker. | No. | Period in use. |
|---|---|---|
| Casella (amylic alcohol) . . . | 53143 | January 1885. |
| Negretti and Zambra . . . . | 37900 | 1st February to 28th December 1885. |
| Casella (amylic alcohol) . . . | 53143 | 29th December 1885 to present time. |

These instruments were re-verified on the 11th January 1886. As the result of the comparison, it wss found that 0·8° must be added to the readings of the Negretti and Zambra, 37900. The readings of the Casella are correct to 0·1°. These thermometers are exposed on a pad of country blanket about 1 foot square, laid on the ground, as is also the practice at other observatories.

The wind vane and anemometer are mounted on the roof of the office building. The position is fairly open in all directions. It is intended to replace them by a Beckley's anemograph so soon as a suitable tower shall have been erected to receive it.

The self-registering Beckley's rain-gauge is placed in one of the office rooms, the collecting funnel being on the roof 24 feet above the ground, and the recording apparatus in the room.

The rain-gauge (a 5-inch Symons's pattern) the readings of which are given in the registers, is on the ground near the thermometer shed.

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NAGPUR.—*E. longitude 79° 11′, N. latitude 21° 9′. Elevation of barometer cistern 1,025 feet above sea-level.*

NAGPUR is situated almost in the centre of India, about 40 miles to the south of the Satpura range, a belt of hills and plateaux which crosses India about the Tropic of Cancer, and exercises a very considerable influence on the meteorology of the region. Nagpur is built on the margin of a broad plain of cotton soil, which stretches far away to the east and south, and is traversed by the Kanhan and Wain Gunga rivers. Some 12 or 15 miles to the south-east, a range of low flat hills is visible; and immediately to the west of the station is the little hill of Sitabaldi, from which a low bank or escarpment runs away to the west and south-west, marking the limit of the great trap formation of the Dakhan. Except the hills above mentioned, and the Sitabaldi hill, there is no higher ground visible for many miles.

The Observatory is situated at the Central Jail, on the open cotton-soil plain, about 1½ miles south of the Sitabaldi hill, and 1 mile to the east of Ambajhari tank, the great artificial reservoir which furnishes water to the city.

*Instruments.*—The barometer is in a solid office building of one story, just outside

the Jail wall, and is suspended against the wall. It is a standard barometer on Fortin's principle by Casella (No. 752), with a tube 0·4 inch diameter, and has been in use since the 1st January 1877.[1] Prior to that date, the instrument recorded was a mountain barometer by Adie, with a smaller tube.

The thermometers are exposed in a cage of the same pattern as at Alipore, under a shed, also of the usual form (except that it has but one central pole instead of two with a ridge pole), which stands on the plain, in front of the Jail, 126 yards from the south-west corner of the building. Around the shed, a large space is enclosed with a wire fence, and within this space are the rain-gauge and the exposed thermometers; also the wind vane and anemometer. There are some trees 100 yards to the north of the shed, in front of the Jail; but they are neither large nor lofty.

The hygrometer, in use up to the 24th April 1885, consisted of a pair of thermometers of the Kew pattern (Negretti and Zambra's No. 2569), with porcelain scales and graduated on the tube, with the bulb and lower part of the stem projecting about 1½ inches below the scale. It had been in use since the 5th April 1879, and was verified at Calcutta in April 1877, and again during an inspection of the Observatory in March 1880, and was found to be unchanged by more than 0·1°. Previously, another similar pair of instruments (Casella, Nos. 8773 and 8774) had been in use since the 1st September 1876. These were accidentally broken on the 25th March 1879. They had been verified at Calcutta in June 1876. On the 24th April the wet bulb of No. 2569 was broken during a storm, and replaced by a similar instrument (Casella, No. 12007) verified at Calcutta in August 1876. A re-verification of the dry bulb Negretti and Zambra's No. 2569 and of the wet bulb Casella, No. 12007, by Mr. F. Chambers, when inspecting the Observatory in January 1886, showed that the scale value of the former had risen by 0·5° and that of the latter by 0·2°. These corrections have been adopted from the beginning of 1886.

The maximum in use from the 1st September 1876 to the 25th March 1879 (when it was also broken) was a Negretti and Zambra's patent, No. 9861, verified in June 1876. It was replaced on the 5th April 1879 by a similar instrument of the same makers (No. 9288), which had been originally verified at Calcutta in June 1877, and was re-tested in March 1880 and found to be also virtually unchanged. Mr. Chambers' re-verification in January 1886 showed a change of + 0·5°, which has been adopted.

The minimum dry bulb, in use from the 1st September 1876 to the 25th March 1879, was a spirit thermometer with a spherical bulb (Casella, No. 8886), verified in July 1876. This also was broken on the 25th March, and was replaced, on the 5th April, by a similar instrument (Negretti and Zambra's No. 5012), verified in October 1878. This was in use till the 28th August 1879 only, and was then replaced by another similar instrument (same makers, No. 37872), which had been verified in June 1879, and was again tested in March 1880, and finally again in January 1886, with the result that its values were appreciably unaltered.

The wet bulb minimum thermometer (Negretti and Zambra's No. 5077) was used from the 1st September 1876 to the 20th February 1879, having been verified in July 1876. From this latter date to the 4th April 1879 no instrument of the kind was in use; and from the 5th April a similar thermometer (Negretti and Zambra's No. 37867) was brought

[1] A series of four comparative readings with a compared portable barometer, made by Mr. Chambers in January 1886, seemed to show a fall of ·006 in the values of the readings since its verification strictly with the standard. No change has been made in the adopted correction.

into use. It had been verified at Calcutta in November 1878, and on being re-tested in March 1880, was found to read 0·7° lower than when originally compared. A corresponding correction was applied to the readings in the registers up to December 1885; making them, as now appears, about 0·9° too high. Mr. Chambers' re-verification showed a rise of 0·3° on the original value, which was adopted in the registers for 1886. The instrument remained in use till the 29th September 1886, when it was replaced by another similar instrument (Negretti and Zambra's No. 5038) which had been verified at Alipore in August 1886. It was then recalled and re-verified at Alipore, and the scale value was found to have risen only + 0·2° since the original verification in November 1878.

The thermometer for solar radiation has been changed five times. The periods during which these instruments were respectively in use are as follow:—

| Maker. | No. | Period in use. |
|---|---|---|
| 1. Negretti and Zambra . . . . | 8882 | 1st September 1876 to 20th April 1877. |
| 2. Ditto ditto . . . . | 8898 | 9th July 1877 to 20th February 1879. |
| 3. Ditto ditto . . . . | 38323 | 16th June 1879 to 4th June 1881. |
| 4. Ditto ditto . . . . | 8875 | 21st August 1881 to 3rd June 1884. |
| 5. Casella . . . . . | 52929 | 4th June 1884 to 30th June 1885. |
| 6. Negretti and Zambra . . . . | 57529 | 16th April 1886 up to the present time. |

They were all maximum thermometers with blackened bulbs in vacuo, and had been verified at Calcutta by comparison with the arbitrary standard in the manner previously noticed. The solar thermometer has been exposed on a stand, 4 feet high, of the regulation pattern, since the beginning of 1878.

The thermometers for grass radiation have been changed thrice. They are all of similar pattern, *viz.*, spirit thermometers, graduated on the stem and without an attached scale. The instruments in use, since November 1876, are the following:—

| Maker. | No. | Period in use. | Verified. |
|---|---|---|---|
| 1 Negretti and Zambra . | 3317 | 14th November 1876 to 15th November 1877 . | October 1876. |
| 2. Ditto ditto . | 37916 | 13th December 1877 to 10th October 1878 . | August 1877. |
| 3. Casella . . . | 34489 | 16th June 1879 to 27th October 1885 . . | May 1879. |
| 4. Negretti and Zambra . | 57564 | 29th December 1885 to present time . . | September 1885. |

The instruments have been exposed on a pad of country blanket since the 3rd March 1877: previously, on forked sticks, a few inches above the ground.

The rain-gauge, in use up to July 1878, was a Glaisher's gauge, 8 inches in diameter, placed near the thermometer shed, and with the mouth 14 inches above the ground. It was replaced in use, on the 19th of that month, by a Symons's gauge, 5 inches in diameter

in the immediate neighbourhood of the former gauge, and having the mouth 1 foot above the ground.

The wind direction and movement are taken from the traces of a Beckley's anemograph set up on a tower 26 feet high, built for the purpose, in the immediate neighbourhood of the thermometer shed. The cups of this instrument are 36 feet above the ground.

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BOMBAY (COLABA).— *E. longitude 72°49′, N. latitude 18° 53′ 45″. Elevation of barometer cistern 37 feet above sea-level.*

BOMBAY is situated near the extremity of a range of islands, or rather a promontory, (since the originally independent islands have now become either practically connected by alluvial deposits, or are separated only by narrow tidal channels, or swamps submerged only at high spring tides). This promontory, running south by west from its junction with the mainland at Tanna, terminates in Colaba point, 22 miles from Tanna, and encloses the noble harbour which, at the entrance, has a width of 6 miles, and a few miles up, south of Trombay Island, expands to not less than 12 miles across. The Observatory is within a quarter of a mile of the point, and a full description of the position and buildings will be found in Mr. C. Chambers' volume on the Meteorology of the Bombay Presidency, published in 1878. To this volume the reader may be referred for further details. The following brief abstract notices the more important points respecting the instruments and their exposure.

For the description of the barometer, see Introduction to "Bombay Magnetical and Meteorological Observations, 1871—78," paragraphs 12 to 15, 70 and 72. The barometer, which has been used uninterruptedly since the establishment of the Observatory in 1841, is a standard by Newman, No. 58, with a tube, 0·53 inch diameter, and a scale adjustable to the cistern level. In May 1866, the scale was set once for all, and a capacity correction has since been applied to all the readings of the instrument. According to the result of a comparison with two barometers, sent from Calcutta for that purpose in 1875, the readings of this instrument are ·012 inch lower than those of the old Calcutta standard. It hangs against the wall, on the eastern side of the magnetical observatory, 37 feet above the mean sea-level. The exact time at which the instrument is read is 7 minutes past the hour. The use of the attached thermometer was discontinued from the 1st January 1885, and in place of it is read a thermometer by Murray and Heath (No. 2), the bulb of which is immersed in a column of mercury, held in a glass tube of nearly the same diameter as the barometer tube, and is attached to the brass frame of the barometer at about the height of the middle of the barometric column. The new thermometer reads, on the average, some tenths of a degree lower than the attached thermometer; but comparability with former years' records of mean barometric pressure was retained, by substituting a new table of temperature corrections, in which each number was greater by ·002 inch than in the table formerly used.

Up to the end of 1884, the hygrometer, the dry bulb of which affords the data for the air temperature, consisted of dry and wet bulbs by Newman, with spherical bulbs of rather more than ½ inch diameter, with brass scales attached. The wet bulb had been in use since the 21st November 1863; the dry bulb from some date unascertained, but prior to 1866. They were verified by comparison with a Kew standard thermometer in 1866, and the freezing points re-tested in 1875. Since 1851 they have been suspended in a thatched shed described below, and, since January 1866, they have been further

protected, being mounted inside a case with venetianed sides and bottom, with the bulbs $4\frac{1}{2}$ feet above the ground.

The use of the old air thermometer and wet bulb thermometer was discontinued from the 1st Jaunary 1885, and the readings entered in the later registers are those of the standard dry and wet bulb thermometers of the thermograph. For a description of these instruments and of their location, see Introduction to the "Bombay Magnetical and Meteorological Observations, 1871—78," pages xxii and xxxvii: their bulbs are 10 feet above the ground and are cylindrical in shape, each being 3·7 inches long and 0·37 inch in diameter.

Constant corrections of—0°6 and—0°5 have been applied to the readings of the dry bulb (Casella, No. 401), and wet-bulb (Casella, No. 402) thermometers respectively. For the relation between the new and the old exposures, see Tables 25, 26, and 28 of the Introduction to the "Bombay Magnetical and Meteorological Observations, 1871—78." The exact time at which the thermometers are read is 2 minutes after the hour.

The maximum and minimum air thermometers are still exposed in the old thermometer shed. The shed is 30 feet to the south-eastward of the magnetical observatory. Its roof is thatched with large dried leaves, and it has open sides, supplied with shutter frames that are covered with bamboo matting, and that swing on hooks vertically; the shutters are propped open at an angle of about 40° from the vertical: the floor, which is of red earth, is raised a few inches to prevent any flow of rain into the inside of the shed during the wet season. The shed is 12 feet square and 14 feet high to the highest point of the roof. The thermometers are mounted on light wooden rods inside an open cage with venetian sides and depressed venetian bottom: the cage is supported by four corner posts which enter the ground, leaving its open bottom at a height of 3 feet above the soil: the dimensions of the cage are 3 feet square and 5 feet high, and the roof is completely closed; the position occupied by it is the middle of the thermometer shed.

The maximum thermometer is a mercurial thermometer (Negretti and Zambra's No. 1689), with a partially-choked bent neck. A correction of—0·6° has been applied to its readings. It has been in use since before 1875. The bulb is 4 feet 3 inches above the ground.

The minimum dry-bulb thermometer (same maker, No. 1353), a spirit thermometer, has also been in use from before 1875. Its errors are insignificant, and no corrections have been applied. The bulb is 4 feet above the ground.

The minimum wet-bulb (same maker, No. 1349), also a spirit thermometer, has been in use also from before 1875. The bulb is 4 feet above the ground. The corrections that have been applied to its readings are—

| | | | |
|---|---|---|---|
| From 49° to 65° . . | +0°·1 | From 68° to 70° . . | —0°1 |
| „ 65° to 68° . . | 0 | „ 70° to 82° . . | —0·2 |

The bulb of the solar thermometer (Negretti and Zambra's No. 10165) that had been in use since the 19th May 1876 having become slightly fogged, a new thermometer by Negretti and Zambra (No. 37982) was substituted from the 1st January 1885. It is exposed on a wooden stand, with a cross-piece at top forming a cage in which the stem of the thermometer rests and from which the bulb projects at a height of 4 feet above the ground. The ground is thickly covered with grass from July to October. In the latter month the grass is cut, after which the ground is comparatively bare until the

following July. The bulb of the thermometer is coated with lamp-black, and is enclosed in a glass globe from which the air has been exhausted. A constant correction of $+4^{\circ}\cdot8$, furnished by the Meteorological Reporter for Western India to reduce the readings to the Calcutta standard, has been applied.

The nocturnal radiation thermometer (bearing no maker's name or number) has been in use since the 24th May 1876. It is a spirit minimum thermometer, and is exposed on a wooden frame laid across two bits of broken tile, with the bulb projecting over the grass, 2 inches above the ground. The grass is not allowed to grow above the bulb of the thermometer, and in the dry season becomes dried up. Prior to the above date the thermometer used for these observations was laid on grass growing on a large plant pot. The corrections that have been applied to its readings are—

| | | | |
|---|---|---|---|
| From 39° to 53° | +0°3 | From 61° to 68° | 0°0 |
| „ 53° to 57° | +0·2 | „ 68° to 74° | —0·1 |
| „ 57° to 61° | +0·1 | „ 74° to 81° | 0·0 |

The rain-gauge has its mouth 4 feet 6 inches above the ground. The nearest object that dominates it is a building 43 feet to the eastward.

The anemometric data are taken from the traces of a Beckley's anemograph, on the summit of the Observatory, at 53 feet above the ground. The only higher object in the immediate neighbourhood is the old light-house, 625 feet distant, to south-west by south. For the description of the anemograph see Introduction to the "Bombay Magnetical and Meteorological Observations, 1871—78," pages xi and xii. Its height above the ground is 53 feet.

The unit of cloudiness is one-tenth of the celestial hemisphere.

The simple arithmetical means of the corrected readings of the barometer, dry-bulb thermometer, and wet-bulb thermometer, taken daily at 6 A.M., 10 A.M., 2 P.M., 4 P.M., and 10 P.M., are entered in the several mean columns in the form. And subjoined hereto is a table of corrections to be applied to the monthly averages of barometric pressure and air temperature to reduce them to the mean of the day—

| Month. | Barometer. | Temperature of Air. |
|---|---|---|
| | Inch. | 0·0 |
| January | + 0·001 | — 1·3 |
| February | — 0·001 | — 1·2 |
| March | — 0·001 | — 1·0 |
| April | — 0·001 | — 0·9 |
| May | — 0·003 | — 0·9 |
| June | — 0·003 | — 0·5 |
| July | — 0·003 | — 0·4 |
| August | — 0·002 | — 0·4 |
| September | — 0·001 | — 0·6 |
| October | 0·000 | — 1·0 |
| November | 0·000 | — 1·2 |
| December | + 0·001 | — 1·3 |
| Year | — 0·001 | — 0·9 |

The maximum air thermometer and the solar radiation thermometer are read about 6 P.M., the minimum air thermometer, the minimum wet-bulb thermometer, and the minimum grass thermometer about 10 A.M., and all the entries are made opposite the day on which the readings are taken.

The solar radiation thermometer is put out of doors about 10 A.M. and is taken in about 6 P.M.

The grass minimum thermometer is put out of doors about 6 P.M. and is taken in about 10 A.M.

The direction of the wind is taken from the register of a Robinson's anemograph, and is the general direction for the sixty minutes next preceding the hour of observation. The total movement in the day is also taken from the same register, the day being reckoned from midnight to midnight.

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MADRAS.—*E. longitude 80° 14′, N. latitude 13° 4′. Elevation of barometer cistern 22 feet above sea-level.*

MADRAS is built on a flat alluvial tract of land on the Coromandel Coast, from beneath which the older crystallised rocks emerge at St. Thomas' Mount and Palaveram (7 and 10 miles respectively from Fort St. George). The country rises gradually to the westward, forming the plains of the Carnatic or Payen ghât, and the nearest hills of considerable elevation are the Naggery hills, 50 miles to the north-west. The Observatory is situated in the suburbs of Nungambaukam, about 3 miles from the shore.

The barometer, which has been in use since the end of 1876,[1] is a Newman's standard (No. 49) with a large tube, similar to the instruments in use at Calcutta and Bombay. The thermometers are all corrected to the readings of a Kew standard furnished by Professor Balfour Stewart in 1861, and are exposed under a thatched shed with open gable ends. The anemograph is one on the principle of Beckley's, and was constructed by Messrs. Adie. It has been in use since 1864.

[1] For many years, previously to 1877, a similar barometer, No. 42, also by Newman, had been registered.

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# REGISTERS

OF

# ORIGINAL OBSERVATIONS IN 1887, REDUCED AND CORRECTED.

## JANUARY 1887.

*Geographical co-ordinates of the stations and elevation of barometer cisterns.*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CALCUTTA (ALIPORE)— | N. Lat. | 22° 32′ | — | E. Long. | 88° 20′ | — Elev. | 21·38 Ft. |
| ALLAHABAD | ,, | 25° 26′ | , | | 81° 52′ | ,, | 309·28 ,, |
| LUCKNOW | ,, | 26° 50′ | ,, | | 81° 0′ | ,, | 369·39 ,, |
| LAHORE | ,, | 31° 34′ | ,, | | 74° 20′ | ,, | 702·22 , |
| NAGPUR | ,, | 21° 9′ | ,, | | 79° 11′ | ,, | 1025·00 ,, |
| BOMBAY | ,, | 18° 54′ | ,, | | 72° 49′ | ,, | 37·00 ,, |
| MADRAS | ,, | 13° 4′ | ,, | | 80° 14′ | ,, | 22·00 ,, |

*N. B.*— The thermometer for solar radiation at Lahore was changed for a new verified instrument on the 20th January.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 30·045 | 30·123 | 30·000 | 30·057 | 30·050 | 57·5 | 67·0 | 72·5 | 57·9 | 64·3 | 75·4 | 56·2 | 19·2 | 9·8 | 127·9 | 52·5 | 45·8 | 10·4 | NE | NE by E | NNE | NNE | 96 |
| 2 | ·004 | ·083 | 29·958 | ·033 | ·016 | 53·5 | 65·4 | 73·1 | 56·9 | 62·2 | 74·3 | 52·5 | 21·8 | 9·5 | 126·6 | 52·3 | 42·2 | 10·3 | NNE | NE | NNW | NW | 77 |
| 3 | ·009 | ·081 | ·956 | ·027 | ·016 | 52·5 | 66·0 | 74·5 | 58·3 | 62·4 | 75·6 | 51·7 | 23·9 | 9·5 | 127·0 | 51·4 | 40·6 | 11·1 | N by W | NE | N by W | N by W | 54 |
| 4 | 29·991 | ·056 | ·905 | 29·969 | 29·982 | 54·5 | 68·5 | 76·7 | 61·1 | 64·4 | 77·4 | 53·8 | 23·6 | 9·6 | 129·5 | 52·1 | 43·3 | 10·5 | WSW | WSW | WNW | WSW | 55 |
| 5 | ·936 | ·002 | ·882 | ·990 | ·938 | 59·4 | 69·5 | 79·5 | 64·8 | 67·5 | 80·4 | 57·8 | 22·6 | 8·6 | 130·5 | 50·1 | 49·2 | 8·6 | SSW | WNW | NW by W | SW by W | 64 |
| 6 | ·957 | ·029 | ·884 | ·952 | ·947 | 59·4 | 72·3 | 80·5 | 67·5 | 68·9 | 81·1 | 58·3 | 22·8 | 9·5 | 132·6 | 51·5 | 50·4 | 7·9 | SSW | WSW | WNW | SW by W | 64 |
| 7 | ·943 | ·000 | ·878 | ·960 | ·934 | 64·3 | 72·0 | 78·3 | 62·1 | 69·3 | 81·1 | 61·8 | 19·3 | 8·9 | 131·3 | 50·2 | 54·1 | 7·7 | SW by W | N by W | NNW | ESE | 101 |
| 8 | ·937 | ·019 | ·898 | 942 | ·948 | 62·5 | 64·5 | 68·7 | 65·5 | 66·0 | 76·9 | 61·2 | 15·7 | 1·7 | 115·5 | 38·6 | 59·0 | 2·2 | S by W | W | NNW | WSW | 123 |
| 9 | ·959 | ·050 | ·952 | 30·031 | ·982 | 59·5 | 65·5 | 70·5 | 54·8 | 64·0 | 72·0 | 57·3 | 14·7 | 9·7 | 127·5 | 55·5 | 51·5 | 5·8 | N by E | N | NNW | NNW | 97 |
| 10 | 30·032 | ·121 | 30·001 | ·077 | 30·042 | 52·4 | 64·5 | 71·5 | 57·5 | 61·4 | 73·1 | 51·5 | 21·6 | 9·7 | 121·6 | 48·5 | 42·3 | 9·2 | N by W | N | NNE | NNE | 35 |
| 11 | ·037 | ·115 | ·008 | ·073 | ·053 | 52·5 | 64·3 | 73·0 | 58·9 | 62·4 | 74·0 | 51·7 | 22·3 | 9·6 | 124·4 | 50·4 | 44·2 | 7·5 | NNE | NNE | WNW | NE by N | 41 |
| 12 | ·083 | ·126 | ·014 | ·064 | ·059 | 55·4 | 67·5 | 75·0 | 61·5 | 64·2 | 76·2 | 54·7 | 21·5 | 9·6 | 125·7 | 49·5 | 46·1 | 8·6 | NE by N | E by S | N by E | NNE | 52 |
| 13 | ·035 | ·096 | 29·986 | ·027 | ·033 | 59·4 | 68·0 | 76·2 | 63·5 | 66·5 | 77·4 | 57·2 | 20·2 | 9·7 | 129·6 | 52·2 | 48·9 | 8·3 | NNE | ENE | NNE | NE by N | 89 |
| 14 | ·003 | ·059 | ·927 | 29·963 | 29·986 | 57·5 | 65·2 | ? | 63·5 | 66·3 | 77·1 | 56·5 | 20·6 | 9·8 | 129·3 | 52·2 | 48·0 | 8·5 | NE by N | NNE | NW by N | NW | 84 |
| 15 | 29·959 | 29·992 | ·876 | ·944 | ·940 | 59·5 | 69·5 | 78·1 | 67·3 | 68·1 | 78·8 | 58·3 | 20·5 | 9·7 | 129·9 | 51·1 | 51·4 | 6·9 | NNW | NNE | WNW | NW | 71 |
| 16 | ·995 | 30·103 | ·960 | 30·029 | 30·036 | 58·5 | 66·1 | 72·3 | 59·8 | 64·5 | 72·9 | 57·3 | 15·6 | 9·5 | 128·2 | 55·3 | 48·1 | 9·2 | NNW | N | NNW | NE | 85 |
| 17 | 30·006 | ·070 | ·923 | 29·959 | 29·983 | 54·2 | 63·5 | 71·5 | 57·1 | 61·9 | 71·9 | 52·9 | 19·0 | 9·9 | 126·8 | 54·9 | 42·3 | 10·6 | NNE | E by N | WSW | W by S | 78 |
| 18 | 29·956 | ·019 | ·880 | ·953 | ·943 | 54·0 | 64·2 | 71·8 | 57·0 | 62·0 | 72·4 | 52·7 | 19·7 | 9·9 | 128·7 | 56·3 | 42·7 | 10·0 | N by E | E | WNW | NW by W | 72 |
| 19 | ·917 | 29·980 | ·831 | ·902 | ·899 | 53·0 | 66·5 | 75·3 | 63·5 | 63·7 | 76·1 | 52·3 | 23·8 | 10·0 | 130·3 | 54·2 | 42·9 | 9·4 | NNE | SSE | SSW | SSE | 59 |
| 20 | ·847 | ·915 | ·808 | ·882 | ·846 | 58·5 | 70·5 | 77·0 | 66·3 | 67·5 | 78·1 | 57·5 | 20·6 | 10·0 | 139·7 | 61·6 | 48·9 | 8·6 | SSE | SE by S | SW | S | 123 |
| 21 | ·842 | ·920 | ·774 | ·832 | ·843 | 61·2 | 62·0 | 67·5 | 62·2 | 63·7 | 69·0 | 60·3 | 8·7 | 2·0 | 110·6 | 41·6 | 55·9 | 4·4 | NE | N | N | NNE | 114 |
| 22 | ·825 | ·911 | ·829 | ·941 | ·859 | 59·0 | 62·0 | 66·5 | 55·0 | 62·6 | 69·1 | 57·9 | 11·2 | 5·4 | 132·5 | 63·4 | 54·9 | 3·0 | N by W | N | NNW | NNW | 137 |
| 23 | ·951 | 30·042 | ·912 | ·970 | ·961 | 49·7 | 62·0 | 66·5 | 57·0 | 58·7 | 68·1 | 48·8 | 19·3 | 10·3 | 127·0 | 58·9 | 38·9 | 9·9 | NNW | NNW | WNW | N | 91 |
| 24 | ·930 | ·001 | ·906 | ·976 | ·949 | 47·5 | 63·0 | 69·7 | 53·5 | 58·3 | 70·4 | 47·1 | 23·3 | 10·5 | 128·8 | 58·4 | 36·4 | 10·7 | N by E | N by E | W by N | NNE | 62 |
| 25 | ·926 | 29·999 | ·833 | ·887 | ·908 | 49·7 | 65·0 | 73·0 | 61·0 | 61·0 | 73·3 | 49·0 | 24·3 | 10·0 | 129·1 | 55·8 | 39·3 | 9·7 | SSE | SSE | WSW | S | 54 |
| 26 | ·839 | ·882 | ·731 | ·839 | ·821 | 60·8 | 72·5 | 77·0 | 64·0 | 68·0 | 80·6 | 58·9 | 21·7 | 7·8 | 140·9 | 60·3 | 51·5 | 7·4 | SE by E | SSW | SSW | NE | 157 |
| 27 | ·882 | ·969 | ·867 | ·951 | ·899 | 57·7 | 62·0 | 70·3 | 58·7 | 63·6 | 72·1 | 56·4 | 15·7 | 9·6 | 131·4 | 59·3 | 53·1 | 3·3 | NNE | NNW | NNW | N | 186 |
| 28 | ·921 | ·982 | ·825 | ·845 | ·895 | 53·4 | 65·3 | 71·7 | 56·4 | 61·9 | 72·4 | 52·6 | 19·8 | 10·2 | 130·5 | 58·1 | 42·5 | 10·1 | N | N by W | NW | NW by W | 80 |
| 29 | 814 | ·856 | ·732 | ·792 | ·804 | 54·8 | 69·5 | 76·0 | 68·0 | 65·7 | 77·4 | 54·2 | 23·2 | 10·0 | 135·2 | 57·8 | 44·3 | 9·9 | SSW | SSW | SSW | SSW | 123 |
| 30 | ·803 | ·897 | ·785 | ·840 | ·829 | 57·1 | 69·3 | 76·6 | 60·0 | 66·5 | 77·7 | 56·5 | 21·2 | 10·1 | 132·8 | 55·1 | 44·5 | 12·0 | N | NW by N | NNW | NNW | 107 |
| 31 | ·845 | ·918 | ·791 | ·852 | ·848 | 56·5 | 71·5 | 78·2 | 61·5 | 66·5 | 79·0 | 55·5 | 23·5 | 9·3 | 133·5 | 54·5 | 46·6 | 8·9 | N by E | E by S | WNW | NNW | 70 |
| Mean | 29·943 | 30·013 | 29·887 | 29·954 | 29·943 | 56·3 | 66·6 | 73·6 | 60·7 | 64·3 | 75·2 | 55·2 | 20·0 | Total 279·4 | 128·9 | 53·7 | 46·8 | 8·4 | ... | ... | ... | ... | 87·1 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 51·9 | 55·4 | 59·1 | 55·3 | 55·9 | 51·5 | ·316 | ·288 | ·323 | ·406 | ·338 | ·320 | 67 | 43 | 41 | 84 | 58 | 71 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 2 | 50·0 | 56·4 | 59·0 | 54·4 | 55·3 | 50·0 | ·316 | ·337 | ·315 | ·392 | ·352 | ·329 | 77 | 53 | 39 | 84 | 64 | 83 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 3 | 51·4 | 58·4 | 58·4 | 55·5 | 56·5 | 51·4 | ·368 | ·391 | ·278 | ·402 | ·381 | ·378 | 93 | 61 | 32 | 82 | 70 | 98 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 4 | 53·6 | 58·6 | 63·4 | 59·3 | 58·6 | 53·4 | ·400 | ·361 | ·412 | ·480 | ·421 | ·403 | 94 | 52 | 45 | 88 | 71 | 96 | ... | 1 | 0 | 0 | 0 | C. *c.* ≡ | *b.* | *b.* |
| 5 | 58·8 | 64·2 | 65·0 | 61·3 | 62·1 | 57·0 | ·491 | ·532 | ·425 | ·497 | ·489 | ·453 | 97 | 74 | 42 | 81 | 75 | 94 | ... | 0 | 0 | 0 | 1 | *b.* ≡ ◑ | *b.* | C. *c.* |
| 6 | 58·4 | 67·1 | 66·4 | 63·6 | 63·4 | 57·8 | ·477 | ·598 | ·461 | ·536 | ·514 | ·474 | 94 | 76 | 44 | 79 | 75 | 97 | ... | 0 | 0 | 1 | 0 | *b.* ◑ | Cs. *b c.* | C.Cs. *b.c.* |
| 7 | 62·4 | 65·4 | 65·5 | 61·1 | 64·1 | 60·8 | ·539 | ·541 | ·456 | ·527 | ·531 | ·521 | 89 | 69 | 47 | 94 | 76 | 94 | 0·93 | 0 | 1 | 4 | 8 | *b.* ◑ | Cs.Ck.Pk. *c.* | P. K. Ck. *o. g.c.p.d.* ≷ |
| 8 | 61·8 | 63·4 | 66·7 | 64·4 | 64·3 | 59·9 | ·544 | ·572 | ·629 | ·592 | ·583 | ·501 | 96 | 95 | 90 | 95 | 91 | 92 | 0·33 | 10 | 10 | 6 | 0 | P. *o.d.p.* | P.K.Ck.Pk. *o.g.d.c.* | K.Ck. *b.c.* |
| 9 | 55·6 | 53·8 | 55·4 | 53·0 | 57·5 | 55·0 | ·391 | ·260 | ·241 | ·377 | ·393 | ·405 | 76 | 41 | 32 | 87 | 67 | 85 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 10 | 51·4 | 54·9 | 58·4 | 55·4 | 55·3 | 51·4 | ·368 | ·307 | ·318 | ·414 | ·361 | ·381 | 93 | 51 | 42 | 87 | 69 | 100 | ... | 0 | 0 | 0 | 0 | *b.* ≡ ◑ | *b.* | *b.* |
| 11 | 51·4 | 58·4 | 60·4 | 56·4 | 57·1 | 51·4 | ·368 | ·411 | ·360 | ·423 | ·399 | ·378 | 93 | 68 | 44 | 85 | 72 | 98 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* ≡ | *b.* |
| 12 | 54·4 | 57·6 | 61·5 | 58·5 | 58·6 | 54·0 | ·412 | ·344 | ·368 | ·453 | ·420 | ·409 | 94 | 51 | 43 | 83 | 72 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ≡ ◑ | *b.* | *b.* |
| 13 | 56·1 | 61·2 | 63·4 | 59·6 | 60·4 | 56·0 | ·412 | ·449 | ·411 | ·459 | ·448 | ·437 | 80 | 65 | 45 | 78 | 70 | 94 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 14 | 56·4 | 61·2 | 64·9 | 62·1 | 61·4 | 56·2 | ·443 | ·475 | ? | ·539 | ·482 | ·450 | 94 | 73 | ? | 92 | 76 | 98 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 15 | 58·4 | 64·4 | 66·6 | 62·0 | 63·3 | 57·6 | ·477 | ·539 | ·500 | ·488 | ·523 | ·467 | 94 | 75 | 52 | 73 | 77 | 96 | ... | 0 | 0 | 1 | 0 | *b.* ◑ | K. *c.b* ≡ | *b.* |
| 16 | 57·4 | 57·4 | 59·7 | 55·6 | 59·0 | 56·9 | ·460 | ·359 | ·348 | ·391 | ·430 | ·458 | 94 | 55 | 44 | 76 | 72 | 97 | ... | 6 | 0 | 0 | 0 | Ck. *c.* ◑ | *b.* | *b.* |
| 17 | 51·4 | 55·4 | 59·7 | 55·3 | 56·0 | 51·4 | ·342 | ·334 | ·354 | ·413 | ·375 | ·362 | 80 | 57 | 46 | 87 | 69 | 90 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 18 | 51·4 | 55·4 | 57·6 | 55·4 | 55·9 | 51·0 | ·348 | ·321 | ·291 | ·420 | ·368 | ·353 | 83 | 53 | 38 | 91 | 68 | 88 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 19 | 51·7 | 59·0 | 63·4 | 60·6 | 58·6 | 51·7 | ·369 | ·401 | ·425 | ·490 | ·434 | ·379 | 91 | 62 | 48 | 84 | 74 | 96 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 20 | 57·4 | 63·6 | 64·4 | 63·4 | 62·7 | 57·4 | ·460 | ·496 | ·439 | ·545 | ·509 | ·474 | 94 | 66 | 47 | 84 | 76 | 100 | ... | 0 | 1 | 1 | 7 | *b.* ◑ | K. Ck *c.* | Cs.Pc.Pk. *c.* |
| 21 | 60·4 | 60·4 | 63·7 | 61·3 | 61·9 | 59·9 | ·514 | ·507 | ·538 | ·531 | ·530 | ·511 | 94 | 91 | 79 | 94 | 90 | 97 | 0·23 | 8 | 10 | 10 | 10 | Pk. Ck. *c p.* | P. *o.g.* | P. |
| 22 | 58·4 | 59·9 | 55·4 | 53·2 | 58·2 | 57·9 | ·484 | ·491 | ·294 | ·380 | ·430 | ·482 | 97 | 89 | 45 | 87 | 77 | 100 | ... | 10 | 7 | 7 | 0 | P.Pc. *o.g.* | K. Fk.Ck. *c.* | Cs. *b.c.* |
| 23 | 49·0 | 52·9 | 52·4 | 51·4 | 52·0 | 48·6 | ·339 | ·284 | ·210 | ·309 | ·303 | ·344 | 95 | 51 | 32 | 66 | 64 | 100 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 24 | 46·8 | 52·7 | 53·9 | 50·5 | 51·7 | 46·7 | ·312 | ·264 | ·206 | ·329 | ·300 | ·313 | 95 | 46 | 28 | 80 | 65 | 96 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 25 | 48·5 | 54·4 | 58·5 | 57·7 | 54·9 | 48·4 | ·329 | ·286 | ·300 | ·436 | ·357 | ·334 | 93 | 46 | 38 | 79 | 68 | 96 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 26 | 58·9 | 67·4 | 70·4 | 61·8 | 64·0 | 56·5 | ·473 | ·605 | ·657 | ·527 | ·551 | ·425 | 88 | 76 | 71 | 89 | 80 | 85 | ... | 8 | 5 | 7 | 10 | Pk.Ck.*c.* | K.Ck.Pk. *c.* | K. Pk. P. *c.o.g.* |
| 27 | 56·5 | 58·4 | 58·8 | 55·9 | 58·3 | 56·0 | ·445 | ·444 | ·345 | ·408 | ·418 | ·444 | 94 | 80 | 46 | 82 | 72 | 97 | ... | 10 | 0 | 0 | 0 | Pk.Pc. *o.* | *b.* | *b.* |
| 28 | 52·4 | 58·4 | 57·4 | 54·4 | 56·2 | 52·4 | ·382 | ·398 | ·284 | ·398 | ·378 | ·395 | 93 | 63 | 36 | 87 | 71 | 100 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 29 | 53·6 | 61·4 | 66·4 | 65·3 | 61·0 | 53·6 | ·400 | ·439 | ·522 | ·589 | ·484 | ·406 | 94 | 61 | 58 | 86 | 76 | 96 | ... | 0 | 0 | 1 | 0 | *b.* ◑ | K. *b. c.* | K. *b.c.* |
| 30 | 56·4 | 61·9 | 60·1 | 56·6 | 60·1 | 56·3 | ·447 | ·455 | ·302 | ·414 | ·436 | ·455 | 96 | 63 | 33 | 79 | 70 | 100 | ... | 0 | 0 | | 0 | *b* ◑ | *b.* | *b.* |
| 31 | 55·4 | 58·4 | 61·4 | 55·6 | 59·2 | 55·0 | ·427 | ·318 | ·319 | ·365 | ·410 | ·428 | 94 | 42 | 32 | 67 | 65 | 97 | ... | 0 | 0 | 1 | 1 | *b.* ◑ | K. *b. c.* | Ck. *b c.* |
| Mean | 54·8 | 59·3 | 61·2 | 57·9 | 58·8 | 54·3 | ·415 | ·413 | ·378 | ·449 | ·431 | ·415 | 91 | 63 | 44 | 84 | 72 | 94 | Total 1·49 | 1·71 | 1·10 | 1·26 | 1·19 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·749 | 29·831 | 29·715 | 29·755 | 29·755 | 44·1 | 62·8 | 70·1 | 52 6 | 56·8 | 71·0 | 43 1 | 27·9 | 9·9 | 134·5 | 63·5 | 29·2 | 13·9 | Calm | SSE | NE | Calm | 34·0 |
| 2 | ·713 | ·800 | ·679 | ·718 | ·721 | 48·4 | 61·9 | 70 8 | 57·0 | 58·9 | 71·0 | 45·7 | 25·3 | 8·0 | 130·7 | 59·7 | 33·6 | 12·1 | E | ENE | ENE | ENE | 67·6 |
| 3 | ·683 | ·771 | ·647 | ·714 | ·697 | 50·1 | 64·5 | 78 3 | 60·0 | 62 6 | 78·3 | 48·8 | 29·5 | 10·0 | 138 7 | 60·4 | 39·4 | 9·4 | ENE | E | N | NE | 52·4 |
| 4 | ·664 | ·743 | ·619 | ·645 | ·661 | 53·3 | 69·0 | 78 3 | 61·0 | 64·8 | 79 3 | 52·0 | 27·3 | 9·0 | 139·7 | 60·4 | 42·7 | 9·3 | Calm | E | N | Calm | 30·2 |
| 5 | ·625 | ·705 | ·599 | 651 | ·643 | 56·1 | 70·6 | 78·2 | 63·0 | 66·4 | 78 4 | 53 6 | 24·8 | 8·1 | 142·0 | 63·6 | 45·5 | 8·1 | NW | S | W | Calm | 36·5 |
| 6 | ·684 | ·730 | ·581 | ·640 | ·652 | 61·1 | 69·8 | 74·2 | 66·7 | 67·4 | 74·8 | 58·7 | 16·1 | 4·1 | 132·9 | 58·1 | 50·7 | 8·0 | Calm | Calm | WNW | S | 32·3 |
| 7 | ·634 | ·686 | ·579 | ·641 | ·628 | 61·0 | 64 0 | 70·1 | 58·5 | 62·8 | 72·0 | 59·7 | 12 3 | 3·9 | 137·9 | 65·9 | 53·7 | 6·0 | Calm | W | NW | NW | 78·7 |
| 8 | ·662 | ·743 | ·602 | ·676 | ·664 | 50 1 | 59·5 | 68 1 | 54·6 | 57·5 | 69·4 | 49·2 | 20·2 | 9·9 | 134·4 | 65·0 | 39·7 | 9·5 | W | NW | NW | WSW | 115·3 |
| 9 | ·651 | ·735 | ·617 | ·704 | ·670 | 46·0 | 61·9 | 70·0 | 53·4 | 57·2 | 70·7 | 43·8 | 26·9 | 10·0 | 131·4 | 60 7 | 32·6 | 11·2 | W | W | W | WNW | 128·0 |
| 10 | ·707 | ·804 | ·705 | ·770 | ·739 | 46·3 | 63·1 | 72·2 | 54·0 | 58·3 | 72·3 | 44·6 | 27·7 | 9·4 | 135·7 | 63·4 | 32·6 | 12·0 | SW | S | N | Calm | 58·6 |
| 11 | ·741 | ·824 | ·706 | ·755 | ·749 | 50·8 | 61·1 | 67·1 | 55 1 | 57·9 | 69·8 | 47 7 | 22·1 | 4·8 | 137·2 | 67·4 | 37·4 | 10·3 | NNE | Calm | SE | Calm | 43·6 |
| 12 | ·724 | ·814 | ·733 | ·725 | ·742 | 52·8 | 63·0 | 65·3 | 59·9 | 59·6 | 69·5 | 50·8 | 18·7 | 3·3 | 130·4 | 60·9 | 42·1 | 8·7 | E | E | NW | SSE | 69·0 |
| 13 | ·691 | ·761 | ·650 | ·732 | ·701 | 60·0 | 60·6 | 65·5 | 61·1 | 61·2 | 67·6 | 58·2 | 9·4 | 1·3 | 127·7 | 60·1 | 58·1 | 0·1 | SE | E | N | ESE | 126 5 |
| 14 | ·695 | ·760 | ·642 | ·678 | ·687 | 58·0 | 65·1 | 69·1 | 58·5 | 62·1 | 70·3 | 57·5 | 12 8 | 4·6 | 135·4 | 65·1 | 53 0 | 4·5 | E | E | N | NW | 112·3 |
| 15 | ·705 | ·795 | ·673 | ·713 | ·715 | 54·9 | 57·1 | 65·7 | 55·2 | 57·6 | 66·3 | 53·4 | 12·9 | 4·7 | 126·7 | 60·4 | 47·7 | 5 7 | WNW | NW | W | W | 124·1 |
| 16 | ·691 | ·796 | ·677 | ·737 | 718 | 46·7 | 55·4 | 63·5 | 50·2 | 53·4 | 64·0 | 44·9 | 19·1 | 10·5 | 129·3 | 65·3 | 35 6 | 9·3 | W | W | NW | Calm | 158·7 |
| 17 | ·709 | ·777 | ·642 | ·679 | ·695 | 43·9 | 57·9 | 66·2 | 52·1 | 54·4 | 66·9 | 41·8 | 25·1 | 10·6 | 132·2 | 65·3 | 30 8 | 11·0 | Calm | NW | WNW | NW | 48·0 |
| 18 | ·625 | ·703 | ·571 | ·634 | ·626 | 46·4 | 61·0 | 69·6 | 55·3 | 57·5 | 70·2 | 44·6 | 25·6 | 9·9 | 132·8 | 62·6 | 33·6 | 11·0 | Calm | Calm | WNW | Calm | 25 8 |
| 19 | ·548 | ·642 | ·456 | ·461 | ·522 | 53·3 | 56·1 | 64·5 | 58·0 | 57 4 | 66·3 | 51·7 | 14·6 | 5·2 | 133·7 | 67·4 | 42·0 | 9·7 | E | NNE | E | ESE | 111·5 |
| 20 | ·415 | ·490 | ·490 | ·596 | ·491 | 56·3 | 62·6 | 64·0 | 54·1 | 58·6 | 66·0 | 54·7 | 11·3 | 4·8 | 120·6 | 54·6 | 53·7 | 1·0 | Calm | Calm | WNW | S | 175·7 |
| 21 | ·574 | ·648 | ·538 | ·582 | ·579 | 51·2 | 61·0 | 65·2 | 50·4 | 56·4 | 66·7 | 50·4 | 16·3 | 8·9 | 139·7 | 73·0 | 42·2 | 8·2 | Calm | NW | NW | NNW | 51·3 |
| 22 | ·561 | ·651 | ·575 | ·658 | ·604 | 46·9 | 57·3 | 55·1 | 50·0 | 54·2 | 66·4 | 44·7 | 21·7 | 10·7 | 134 7 | 68·3 | 33·5 | 11·2 | Calm | WNW | NW | NW | 110·6 |
| 23 | ·654 | ·727 | ·600 | ·621 | ·643 | 45·8 | 59·0 | 68·1 | 48·8 | 54·8 | 68·4 | 43·7 | 24·7 | 10·7 | 134·3 | 65·9 | 30·6 | 13·1 | W | W | WNW | WSW | 145·2 |
| 24 | ·575 | ·673 | ·569 | ·619 | ·602 | 44·8 | 61·7 | 71·2 | 57·0 | 58·1 | 71·5 | 42·2 | 29·3 | 10·7 | 135·4 | 63·9 | 27·2 | 15·0 | W | SW | NW | Calm | 68·7 |
| 25 | ·568 | ·622 | ·479 | ·556 | ·549 | 49·1 | 61·1 | 71·9 | 58·0 | 59·4 | 72·3 | 47·0 | 25·3 | 9·9 | 132·5 | 60·2 | 37·4 | 9·6 | E | NE | E | E | 125·5 |
| 26 | ·548 | ·624 | ·543 | ·619 | ·577 | 53·1 | 62·8 | 71·2 | 55·6 | 60·1 | 71·4 | 51·4 | 20·0 | 9·7 | 135·2 | 63·8 | 43·9 | 7·5 | E | E | N | Calm | 75·0 |
| 27 | ·624 | ·734 | ·621 | ·660 | ·653 | 49·9 | 63·9 | 72·0 | 54·1 | 59 4 | 72·3 | 46·7 | 25·6 | 9·7 | 137·9 | 65·6 | 36·3 | 10·4 | Calm | WNW | NW | Calm | 31·9 |
| 28 | ·620 | ·652 | ·475 | ·473 | ·548 | 48·1 | 66·0 | 75·1 | 59·8 | 61·6 | 75·8 | 46·7 | 29·1 | 10·0 | 135·5 | 59·7 | 34·8 | 11·9 | SW | S | SW | SSW | 39·3 |
| 29 | ·446 | ·530 | ·465 | ·530 | ·486 | 50·9 | 68·1 | 77·2 | 59·7 | 63·4 | 77·4 | 49·5 | 27·9 | 10·1 | 138·9 | 61·5 | 39·1 | 10·4 | Calm | S | WNW | Calm | 51·6 |
| 30 | ·512 | ·596 | ·505 | ·556 | ·535 | 52·1 | 67·1 | 75·2 | 58·7 | 62·7 | 76 1 | 49·7 | 26·4 | 9·9 | 139·1 | 63·0 | 39 7 | 10·0 | WNW | W | WNW | W | 84·9 |
| 31 | ·565 | ·662 | ·541 | 607 | ·587 | 47·1 | 61·0 | 70·1 | 52·1 | 57·0 | 70·3 | 45·2 | 25·1 | 10·4 | 135·7 | 65·4 | 31·8 | 13·4 | WSW | W | W | W | 113.0 |
| Mean | 29·631 | 29·711 | 29·597 | 29·649 | 29·640 | 50·9 | 62·5 | 70·1 | 56·4 | 59·3 | 71·1 | 49·1 | 22·0 | Total 252·7 | 134·3 | 63·2 | 39·7 | 9·4 | ... | ... | ... | ... | 81·5 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rainfall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 43·4 | 55·1 | 57·3 | 50·0 | 51·4 | 42·8 | ·273 | ·334 | ·302 | ·328 | ·309 | ·272 | 95 | 58 | 41 | 82 | 69 | 98 | ... | 0 | 1 | 0 | 1 | *b.* ◁ | C. *c. b.* | C. *b. c.* |
| 2 | 46·9 | 55·1 | 57·1 | 53·1 | 53·0 | 45·2 | ·303 | ·345 | ·286 | ·354 | ·322 | ·256 | 89 | 62 | 38 | 76 | 66 | 96 | ... | 3 | 9 | 8 | 0 | C. *c.* ◁ | C. *c.* | C. *c. b.* |
| 3 | 48·9 | 57·5 | 59·9 | 58·0 | 56·1 | 48·3 | ·331 | ·383 | ·273 | ·457 | ·361 | ·333 | 91 | 63 | 28 | 88 | 68 | 96 | ... | 1 | 3 | 1 | 0 | C. *c.* ◁ | C. Cs. *c.* | C. *c. b.* |
| 4 | 52·4 | 63·0 | 65·1 | 59·1 | 59·9 | 51·9 | ·383 | ·497 | ·444 | ·478 | ·450 | ·386 | 94 | 70 | 46 | 89 | 75 | 99 | ... | 2 | 6 | 1 | 0 | C. *c.* ◁ | C. Cs. *c.* | C. *c. b.* |
| 5 | 54·9 | 64·3 | 65·0 | 61·0 | 61·3 | 53·4 | ·417 | ·520 | ·442 | ·511 | ·472 | ·407 | 93 | 69 | 46 | 89 | 74 | 99 | ... | 0 | 9 | 7 | 5 | *b.* ◁ | C. Ck. Cs. *c.* | Cs. C. *c.* |
| 6 | 61·1 | 66·4 | 67·2 | 65·1 | 65·0 | 58·3 | ·540 | ·604 | ·574 | ·600 | ·580 | ·484 | 100 | 83 | 68 | 91 | 86 | 98 | 0·16 | 10 | 9 | 3 | 10 | Pk. Pc. *o. d.* | C. Cs. Ck. *c.* | Pc. Cs. Pk. *o.* ≺ |
| 7 | 60·7 | 62·3 | 63·2 | 57·3 | 60·9 | 59·4 | ·529 | ·541 | ·489 | ·456 | ·504 | ·504 | 98 | 91 | 66 | 93 | 87 | 98 | 0·36 | 9 | 8 | 10 | 0 | Pk. Pc. *c.* ◁ | C. Pc. Cs. Ck. *c. o. g.* | Pc. Cs. *c. b.* |
| 8 | 47·6 | 52·1 | 52·3 | 49·1 | 50·3 | 46·8 | ·298 | ·293 | ·185 | ·277 | ·263 | ·290 | 82 | 57 | 26 | 65 | 58 | 83 | ... | 0 | 0 | 1 | 0 | *b.* ◁ | Cs. *b. c.* | Cs. *c. b.* |
| 9 | 43·3 | 51·2 | 55·0 | 49·1 | 49·6 | 42·3 | ·246 | ·237 | ·235 | ·293 | ·253 | ·251 | 79 | 42 | 32 | 71 | 56 | 88 | ... | 1 | 0 | 1 | 0 | C. *c.* ◁ | Cs. *b. c.* | Cs. *c. b.* |
| 10 | 45·7 | 54·1 | 55·6 | 51·1 | 51·6 | 44·0 | ·300 | ·302 | ·223 | ·339 | ·291 | ·281 | 95 | 52 | 29 | 81 | 64 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ◁ | *b.* | Ck. *c. b.* |
| 11 | 48·2 | 55·2 | 58·4 | 53·5 | 53·8 | 46·6 | ·304 | ·359 | ·375 | ·390 | ·357 | ·304 | 81 | 66 | 56 | 90 | 73 | 92 | ... | 1 | 9 | 9 | 5 | Ck. *c.* | Ck. Pc. Cs. *c.* | Pc. Ck *c.* ☰ |
| 12 | 51·7 | 56·4 | 60·9 | 58·4 | 56·8 | 50·7 | ·371 | ·369 | ·478 | ·471 | ·422 | ·370 | 92 | 64 | 76 | 91 | 81 | 99 | 0·21 | 1 | 9 | 10 | 10 | Cs. *c.* ☰ | Ck. Pk. *c. o, g. d. t.* | Pk. Pc. *g. o. r.* |
| 13 | 59·1 | 59·7 | 62·6 | 60·1 | 60·4 | 57·5 | ·491 | ·503 | ·530 | ·509 | ·508 | ·466 | 95 | 95 | 85 | 95 | 92 | 96 | 0·51 | 10 | 10 | 10 | 10 | Pc. *o.* | Pc. Pk. *o, g. d.* | Pk. *o. g. r.* |
| 14 | 58·0 | 62·1 | 64·1 | 58·1 | 60·6 | 57·5 | ·484 | ·519 | ·533 | ·480 | ·504 | ·476 | 100 | 84 | 75 | 98 | 89 | 100 | 0·43 | 9 | 7 | 10 | 0 | Pc. *c.* | Fk. Ck. Pk. *c. o. g.* | Pk. Pc *c. b.* |
| 15 | 54·8 | 57·1 | 61·1 | 52·1 | 56·3 | 53·3 | ·430 | ·469 | ·479 | ·350 | ·432 | ·407 | 99 | 100 | 75 | 80 | 88 | 99 | ... | 10 | 10 | 1 | 0 | Pc. *o.* ☰ | Pc. Fk. *o. c.* ☰ | Fk. Cs. *c. b.* |
| 16 | 45·2 | 50·1 | 53·6 | 48·3 | 49·3 | 43·5 | ·283 | ·293 | ·281 | ·315 | ·293 | ·265 | 89 | 66 | 48 | 87 | 72 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 43·2 | 53·0 | 56·9 | 50·6 | 50·9 | 41·7 | ·271 | ·339 | ·341 | ·350 | ·325 | ·264 | 95 | 70 | 53 | 90 | 77 | 99 | ... | 0 | 0 | 0 | 0 | *b.* ☰ | *b.* | *b.* |
| 18 | 46·1 | 53·1 | 57·7 | 53·0 | 52·7 | 44·3 | ·309 | ·301 | ·320 | ·399 | ·332 | ·288 | 97 | 55 | 45 | 91 | 72 | 97 | ... | 0 | 0 | 7 | 0 | *b.* ◁ | Ck. *b. c.* | Ck. *c.b t. r.* △ |
| 19 | 51·1 | 54·1 | 60·3 | 56·1 | 55·4 | 50·4 | ·348 | ·394 | ·469 | ·427 | ·410 | ·350 | 85 | 87 | 77 | 89 | 84 | 91 | 0·11 | 8 | 10 | 9 | 6 | Ck. Cs. *c.* ◁ K | Pk. Ck. Fk. *o. g. d. c.* | Pk. Cs. *c.* ≺ |
| 20 | 56·1 | 60·2 | 59·3 | 54·1 | 57·4 | 54·7 | ·449 | ·491 | ·444 | ·421 | ·451 | ·430 | 99 | 87 | 74 | 100 | 90 | 100 | 0·37 | 10 | 9 | 2 | 0 | Pk. *o.* | Fk. Pc. *c.* | Fk. *c. b.* ☰ |
| 21 | 51·1 | 58·1 | 55·6 | 49·1 | 53·5 | 50·4 | ·375 | ·447 | ·316 | ·333 | ·368 | ·367 | 99 | 83 | 52 | 91 | 81 | 100 | ... | 8 | 3 | 2 | 0 | Ck. Cs. *c.* ◁ | Ck. Fk. *c.* | Cs. *c. b.* |
| 22 | 46·2 | 53·2 | 50·3 | 46·1 | 49·0 | 44·3 | ·305 | ·353 | ·171 | ·262 | ·273 | ·287 | 95 | 74 | 27 | 73 | 67 | 97 | ... | 7 | 0 | 2 | 0 | Ck. Cs. *c.* ◁ | Fk. *b. c.* | *b.* |
| 23 | 42·1 | 49·5 | 52·1 | 46·4 | 47·5 | 40·8 | ·221 | ·230 | ·179 | ·285 | ·204 | ·218 | 71 | 46 | 26 | 83 | 56 | 77 | ... | 0 | 0 | 0 | 0 | *b.* ◁ | *b.* | *b.* |
| 24 | 42·1 | 51·9 | 53·2 | 53·1 | 50·1 | 40·5 | ·234 | ·258 | ·168 | ·354 | ·254 | ·231 | 78 | 47 | 22 | 76 | 56 | 85 | ... | 0 | 0 | 0 | 5 | *b.* ◁ | *b.* | Ck. *c.* |
| 25 | 47·0 | 53·3 | 57·4 | 53·9 | 52·9 | 45·3 | ·296 | ·305 | ·281 | ·363 | ·311 | ·282 | 84 | 56 | 36 | 75 | 63 | 88 | ... | 0 | 0 | 1 | 0 | *b.* ◁ | Ck. *b. c.* | Ck. *c. b.* |
| 26 | 51·1 | 56·9 | 59·4 | 54·1 | 55·4 | 49·9 | ·350 | ·388 | ·351 | ·401 | ·372 | ·341 | 86 | 67 | 45 | 91 | 72 | 90 | ... | 7 | 1 | 0 | 0 | Ck. *c.* | Ck. *c. b.* | *b.* |
| 27 | 49·1 | 58·6 | 58·1 | 52·3 | 54·5 | 46·5 | ·339 | ·424 | ·300 | ·370 | ·358 | ·315 | 94 | 71 | 38 | 88 | 73 | 99 | ... | 0 | 0 | 1 | 0 | ☰ ◁ | Fk. *b. c.* | *b.* ☰ |
| 28 | 47·3 | 56·1 | 61·0 | 55·3 | 54·9 | 46·1 | ·316 | ·320 | ·350 | ·379 | ·341 | ·305 | 94 | 50 | 40 | 73 | 64 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☰ | *b.* | *b.* |
| 29 | 49·6 | 60·6 | 62·6 | 57·1 | 57·5 | 48·5 | ·340 | ·430 | ·374 | ·434 | ·394 | ·329 | 91 | 63 | 41 | 84 | 70 | 93 | ... | 0 | 0 | 0 | 0 | *b.* ◁ | *b.* | *b.* ◁ |
| 30 | 51·2 | 59·6 | 60·9 | 54·1 | 56·4 | 49·1 | ·366 | ·412 | ·345 | ·359 | ·370 | ·342 | 94 | 62 | 39 | 72 | 67 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ◁ | *b.* | *b.* |
| 31 | 45·2 | 52·1 | 54·1 | 47·0 | 49·6 | 43·6 | ·278 | ·273 | ·209 | ·257 | ·254 | ·264 | 86 | 50 | 28 | 65 | 57 | 87 | ... | 0 | 0 | 0 | 0 | *b.* ◁ | *b.* | *b.* |
| Mean | 49·7 | 56·5 | 58·6 | 53·8 | 54·6 | 48·3 | ·348 | ·385 | ·347 | ·387 | ·366 | ·336 | 91 | 67 | 48 | 84 | 72 | 94 | Total 2·15 | 3·13 | 3·65 | 3·10 | 1·68 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·772 | 29·668 | 61·8 | 69·7 | 73·1 | 41·0 | 32·1 | 129·7 | 56·6 | 33·0 | 8·0 | NW | Calm | NE | Calm | 11 |
| 2 | ·722 | ·620 | 65·8 | 68·8 | 72·1 | 43·0 | 29·1 | 128·7 | 56·6 | 37·0 | 6·0 | Calm | Calm | SSE | SSE | 26 |
| 3 | ·717 | ·600 | 63·8 | 74·7 | 78·2 | 48·0 | 30·2 | 132·7 | 54·0 | 41·0 | 7·0 | SE | SE | NNW | NNW | 15 |
| 4 | ·692 | ·572 | 68·8 | 75·7 | 77·7 | 51·0 | 26·7 | 131·7 | 54·0 | 42·0 | 9·0 | Calm | W | NW | Calm | 50 |
| 5 | ·647 | ·527 | 64·8 | 73·7 | 78·2 | 57·9 | 20·3 | 130·7 | 52·5 | 56·0 | 1·9 | WSW | SSW | NNW | NNW | 62 |
| 6 | ·668 | ·528 | 69·7 | 75·7 | 78·2 | 55·0 | 23·2 | 132·7 | 54·5 | 48·0 | 7·0 | NNW | NNW | NNW | N | 75 |
| 7 | ·637 | ·537 | 65·8 | 70·7 | 73·1 | 56·0 | 17·1 | 133·7 | 60·6 | 48·0 | 8·0 | NNE | NNW | NNE | NNE | 113 |
| 8 | ·670 | ·556 | 59·8 | 69·7 | 71·1 | 47·0 | 24·1 | 132·7 | 61·6 | 40·0 | 7·0 | NNE | NE | NNE | NNE | 167 |
| 9 | ·651 | ·601 | 59·8 | 69·7 | 72·1 | 51·0 | 21·1 | 130·7 | 58·6 | 40·0 | 11·0 | NNE | NNW | NNE | NNE | 138 |
| 10 | ·758 | ·667 | 60·5 | 67·8 | 70·1 | 45·0 | 25·1 | 124·7 | 54·6 | 38·0 | 7·0 | NNE | NE | SE | SE | 100 |
| 11 | ·767 | ·651 | 59·8 | 68·8 | 70·1 | 52·0 | 18·1 | 129·7 | 59·6 | 48·0 | 4·0 | SE | SE | N | NNE | 36 |
| 12 | ·759 | ·649 | 61·8 | 67·8 | 72·1 | 50·0 | 22·1 | 132·7 | 60·6 | 46·0 | 4·0 | Calm | NNE | ENE | NNE | 57 |
| 13 | ·714 | ·565 | 65·8 | 63·8 | 70·1 | 55·0 | 15·1 | 130·7 | 60·6 | 52·0 | 3·0 | ENE | E | N | N | 143 |
| 14 | ·704 | ·597 | 61·8 | 69·7 | 71·1 | 58·9 | 12·2 | 134·7 | 63·6 | 58·0 | 0·9 | WNW | NNW | NNW | NNW | 65 |
| 15 | ·714 | ·618 | 63·8 | 65·8 | 69·1 | 50·0 | 19·1 | 132·7 | 63·6 | 44·0 | 6·0 | Calm | SSW | NNW | NNW | 119 |
| 16 | ·670 | ·603 | 57·7 | 64·8 | 67·1 | 42·0 | 25·1 | 136·0 | 66·6 | 37·0 | 5·0 | N | NNW | N | Calm | 119 |
| 17 | ·696 | ·590 | 61·8 | 66·8 | 69·1 | 43·0 | 26·1 | 133·7 | 64·6 | 35·0 | 8·0 | N | N | NE | NNE | 64 |
| 18 | ·640 | ·515 | 62·8 | 65·8 | 69·1 | 43·0 | 26·1 | 130·7 | 61·6 | 36·0 | 7·0 | NNE | N | ENE | Calm | 40 |
| 19 | ·577 | ·413 | 58·3 | 65·8 | 69·1 | 49·5 | 19·6 | 121·7 | 52·6 | 45·5 | 4·0 | SSE | ESE | SE | SSE | 78 |
| 20 | ·475 | ·443 | 57·8 | 63·8 | 66·1 | 53·0 | 13·1 | 108·7 | 42·6 | 50·0 | 3·0 | SSE | S | NW | Calm | 78 |
| 21 | ·602 | ·478 | 52·8 | 62·8 | 66·1 | 43·0 | 23·1 | 127·7 | 61·6 | 39·0 | 4·0 | Calm | NW | NW | NW | 56 |
| 22 | ·580 | ·518 | 58·8 | 63·8 | 66·1 | 42·0 | 24·1 | 125·7 | 59·6 | 33·0 | 9·0 | NW | W | WNW | WNW | 166 |
| 23 | ·638 | ·516 | 60·8 | 68·8 | 70·1 | 43·0 | 27·1 | 130·7 | 60·6 | 35·0 | 8·0 | W | W | NNW | Calm | 107 |
| 24 | ·572 | ·504 | 60·8 | 69·7 | 72·1 | 41·0 | 31·1 | 133·7 | 61·6 | 31·0 | 10·0 | Calm | Calm | SSW | SSW | 48 |
| 25 | ·579 | ·455 | 63·8 | 71·7 | 74·0 | 53·0 | 21·0 | 127·7 | 53·6 | 47·0 | 6·0 | SSW | SSW | NW | NW | 69 |
| 26 | ·583 | ·501 | 63·8 | 70·7 | 73·1 | 50·0 | 23·1 | 127·7 | 54·6 | 42·0 | 8·0 | NW | NNW | SSW | SSW | 37 |
| 27 | ·662 | ·558 | 63·8 | 70·7 | 72·1 | 46·0 | 26·1 | 130·7 | 58·6 | 36·0 | 10·0 | SSW | SSW | SSE | SSE | 88 |
| 28 | ·575 | ·410 | 64·8 | 75·4 | 77·2 | 44·0 | 33·2 | 131·7 | 54·5 | 34·0 | 10·0 | SSE | SSE | NNW | Calm | 60 |
| 29 | ·481 | ·365 | 67·8 | 74·7 | 78·2 | 46·0 | 32·2 | 137·7 | 59·5 | 38·0 | 8·0 | Calm | Calm | N | N | 43 |
| 30 | ·481 | ·406 | 66·8 | 73·7 | 76·2 | 49·0 | 27·2 | 133·7 | 57·5 | 39·0 | 10·0 | N | N | NNW | NNW | 121 |
| 31 | ·572 | ·487 | 58·8 | 67·8 | 69·1 | 45·0 | 24·1 | 127·7 | 58·6 | 34·0 | 11·0 | NNE | N | NNW | NNW | 162 |
| Mean | 29·644 | 29·539 | 62·4 | 69·3 | 72·0 | 48·2 | 23·8 | 130·1 | 58·1 | 41·4 | 6·8 | ... | ... | ... | ... | 811 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 53·0 | 58·1 | 39·6 | ·287 | ·331 | ·226 | 51 | 46 | 87 | ... | 3 | 0 | *b.* | Cs. | *b.* |
| 2 | 57·1 | 59·1 | 41·6 | ·353 | ·374 | ·245 | 56 | 54 | 88 | ... | 6 | 8 | K. | K. | K. |
| 3 | 58·1 | 62·1 | 46·7 | ·410 | ·391 | ·303 | 70 | 45 | 89 | ... | 8 | 5 | Pc. | K. | *b.* |
| 4 | 59·1 | 64·0 | 48·7 | ·374 | ·441 | ·314 | 54 | 50 | 83 | ... | 6 | 5 | K. | K. | Pc. *r.* |
| 5 | 62·1 | 68·0 | 56·6 | ·523 | ·610 | ·442 | 86 | 74 | 91 | 0·10 | 5 | 5 | K. | K. | *b.* |
| 6 | 62·1 | 64·0 | 53·6 | ·458 | ·441 | ·394 | 63 | 50 | 91 | ... | 5 | 4 | K. | K. | *b.* |
| 7 | 58·1 | 61·1 | 53·6 | ·383 | ·412 | ·381 | 61 | 55 | 84 | ... | 8 | 4 | Pc. | K. | *b.* |
| 8 | 48·4 | 51·0 | 44·7 | ·191 | ·128 | ·267 | 36 | 18 | 81 | ... | 0 | 0 | *b* | *b.* | *b.* |
| 9 | 48·9 | 52·0 | 41·6 | ·203 | ·155 | ·140 | 39 | 22 | 37 | ... | 0 | 7 | *b.* | Pc. | *b.* |
| 10 | 51·0 | 56·1 | 41·6 | ·250 | ·297 | ·220 | 47 | 44 | 73 | ... | 6 | 8 | Pk. | Pc. | Pc. |
| 11 | 55·1 | 58·1 | 50·6 | ·373 | ·343 | ·351 | 73 | 49 | 90 | ... | 10 | 7 | Pc. | Pc. | K. |
| 12 | 56·1 | 59·1 | 48·7 | ·376 | ·387 | ·327 | 69 | 58 | 90 | ... | 8 | 8 | Pc. | Pc. *p.* | Pc. *p.* |
| 13 | 60·1 | 61·1 | 53·6 | ·445 | ·504 | ·394 | 71 | 86 | 91 | 0·25 | 2 | 10 | K. | Pc. *p.* | Pc. |
| 14 | 59·1 | 63·1 | 57·6 | ·467 | ·491 | ·460 | 85 | 68 | 91 | ... | 8 | 6 | Pc. | K. | K. |
| 15 | 58·1 | 55·1 | 48·7 | ·410 | ·294 | ·327 | 70 | 47 | 90 | ... | 0 | 5 | *b.* | K. | K. |
| 16 | 50·0 | 53·0 | 39·6 | ·260 | ·248 | ·213 | 55 | 40 | 79 | ... | 3 | 0 | *b.* | K. | *b.* |
| 17 | 56·1 | 58·1 | 41·6 | ·376 | ·370 | ·245 | 69 | 57 | 88 | ... | 7 | 3 | K. ≡ | K. | K. |
| 18 | 55·1 | 57·1 | 42·7 | ·334 | ·353 | ·271 | 59 | 56 | 96 | ... | 4 | 8 | K. | K. | K. |
| 19 | 55·1 | 56·1 | 47·3 | ·393 | ·323 | ·299 | 81 | 52 | 85 | 0·02 | 10 | 6 | Pc. *d.* | K. | *b.* |
| 20 | 56·1 | 57·1 | 51·6 | ·429 | ·379 | ·366 | 91 | 65 | 90 | 0·05 | 10 | 8 | Pc. *d.* | Pc. | Pc. |
| 21 | 52·0 | 53·0 | 41·6 | ·379 | ·274 | ·245 | 93 | 47 | 88 | ... | 3 | 6 | K. ≡ | K. | K. |
| 22 | 52·0 | 54·0 | 40·6 | ·299 | ·289 | ·236 | 59 | 48 | 88 | ... | 0 | 2 | *b.* | K. | *b.* |
| 23 | 47·9 | 54·0 | 39·6 | ·164 | ·223 | ·189 | 31 | 31 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 50·0 | 54·0 | 37·6 | ·219 | ·211 | ·171 | 40 | 29 | 70 | ... | 4 | 7 | *b.* | Cs. | Cs. |
| 25 | 54·0 | 58·1 | 48·7 | ·289 | ·304 | ·289 | 48 | 40 | 70 | ... | 5 | 0 | *b.* | K. | *b.* |
| 26 | 56·1 | 59·1 | 47·7 | ·350 | ·348 | ·303 | 60 | 46 | 82 | ... | 0 | 4 | *b.* | K. *b.* | Cs. |
| 27 | 55·1 | 57·1 | 44·7 | ·320 | ·288 | ·280 | 55 | 39 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 54·0 | 57·1 | 40·6 | ·276 | ·225 | ·209 | 44 | 25 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 57·1 | 61·1 | 43·7 | ·326 | ·359 | ·256 | 50 | 42 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 53·0 | 56·1 | 47·7 | ·221 | ·218 | ·316 | 33 | 26 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 31 | 48·9 | 51·0 | 41·6 | ·216 | ·153 | ·219 | 43 | 22 | 73 | ... | 0 | 0 | *b.* | *l.* | *b.* |
| Mean | 54·8 | 57·7 | 45·9 | ·334 | ·328 | ·287 | 59 | 46 | 83 | Total 0·42 | 3·90 | 4·06 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·318 | 29·404 | 29·307 | 29·315 | 29·336 | 46·2 | 51·2 | 58·2 | 47·2 | 50·7 | 60·0 | 41·1 | 18·9 | 0 | 94·0 | 34·0 | 32·8 | 8·3 | Calm | Calm | Calm | Calm | 21·8 |
| 2 | ·297 | ·358 | ·280 | ·328 | ·316 | 44·3 | 57·2 | 65·1 | 46·2 | 53·2 | 67·0 | 42·1 | 24·9 | 8·1 | 129·8 | 62·8 | 34·6 | 7·5 | Calm | S | Calm | Calm | 35·0 |
| 3 | ·306 | ·381 | ·307 | ·338 | ·333 | 40·3 | 57·7 | 66·1 | 45·6 | 52·4 | 68·5 | 38·7 | 29·8 | 9·4 | 126·0 | 57·5 | 28·8 | 9·9 | Calm | N | E | Calm | 29·5 |
| 4 | ·306 | ·363 | ·260 | ·289 | ·304 | 43·7 | 56·7 | 67·6 | 52·2 | 55·1 | 71·0 | 40·6 | 30·4 | 8·1 | 135·0 | 64·0 | 30·3 | 10·3 | Calm | NW | ENE | Calm | 35·0 |
| 5 | ·251 | ·314 | ·237 | ·301 | ·276 | 49·2 | 58·2 | 67·8 | 46·5 | 55·4 | 70·2 | 45·1 | 25·1 | 8·3 | 130·8 | 60·6 | 34·6 | 10·5 | N | NE | N | Calm | 62·4 |
| 6 | ·295 | ·404 | ·267 | ·291 | ·314 | 38·3 | 59·7 | 67·1 | 44·8 | 52·5 | 69·5 | 36·2 | 33·3 | 9·4 | 132·0 | 62·5 | 24·8 | 11·4 | Calm | W | W | Calm | 40·5 |
| 7 | ·252 | ·307 | ·197 | ·238 | ·249 | 35·8 | 55·2 | 66·1 | 40·8 | 49·5 | 68·0 | 33·5 | 34·5 | 9·5 | 128·5 | 60·5 | 20·8 | 12·7 | Calm | W | W | Calm | 58·7 |
| 8 | ·246 | ·348 | ·250 | ·276 | ·280 | 32·2 | 52·2 | 60·2 | 45·9 | 47·6 | 60·8 | 31·2 | 29·6 | 5·0 | 118·3 | 57·5 | 19·8 | 11·4 | Calm | Calm | Calm | Calm | 24·0 |
| 9 | ·248 | ·343 | ·240 | ·279 | ·278 | 44·1 | 56·7 | 61·7 | 49·2 | 52·9 | 63·6 | 41·8 | 21·8 | 1·8 | 106·8 | 43·2 | 33·3 | 8·5 | Calm | N | W | Calm | 39·4 |
| 10 | ·278 | ·370 | ·348 | ·410 | ·351 | 47·2 | 52·0 | 55·0 | 49·2 | 50·8 | 56·5 | 46·1 | 10·4 | 1·3 | 121·5 | 65·0 | 42·4 | 3·7 | Calm | E | E | E | 68·8 |
| 11 | ·384 | ·473 | ·386 | ·406 | ·412 | 48·0 | 56·0 | 63·2 | 49·7 | 54·2 | 64·6 | 44·6 | 20·0 | 9·3 | 130·0 | 65·4 | 33·4 | 11·2 | N | NW | NNE | Calm | 78·9 |
| 12 | ·373 | ·409 | ·310 | ·304 | ·349 | 47·6 | 53·2 | 58·2 | 52·4 | 52·8 | 60·5 | 43·1 | 17·4 | 0·3 | 98·5 | 38·0 | 34·6 | 8·5 | NW | N | NW | Calm | 47·7 |
| 13 | ·250 | ·270 | ·146 | ·200 | ·217 | 50·4 | 50·2 | 53·0 | 50·7 | 51·1 | 52·8 | 49·0 | 3·8 | 0 | 65·0 | 12·2 | 44·9 | 4·1 | Calm | NNW | W | Calm | 37·8 |
| 14 | ·227 | ·305 | ·207 | ·324 | ·266 | 47·0 | 47·2 | 56·8 | 44·3 | 48·8 | 58·0 | 44·9 | 13·1 | 3·3 | 119·3 | 61·3 | 43·9 | 1·0 | E | S | S | Calm | 71·8 |
| 15 | ·343 | ·430 | ·364 | ·342 | ·370 | 40·1 | 50·2 | 58·4 | 48·0 | 49·2 | 58·7 | 37·2 | 21·5 | 8·4 | 125·0 | 66·3 | 26·8 | 10·4 | Calm | NW | N | Calm | 88·8 |
| 16 | ·306 | ·336 | ·287 | ·319 | ·312 | 46·2 | 50·7 | 55·7 | 44·5 | 49·3 | 57·0 | 44·1 | 12·9 | 1·0 | 117·2 | 60·2 | 37·7 | 6·4 | Calm | W | W | Calm | 27·6 |
| 17 | ·294 | ·384 | ·270 | ·281 | ·307 | 41·8 | 54·2 | 60·0 | 48·2 | 51·0 | 61·8 | 39·1 | 22·7 | 4·4 | 123·0 | 61·2 | 29·3 | 9·8 | Calm | NNW | NW | Calm | 77·3 |
| 18 | ·227 | ·306 | ·191 | ·221 | ·236 | 47·2 | 51·2 | 56·2 | 49·2 | 51·0 | 57·0 | 46·1 | 10·9 | 0 | 77·0 | 20·0 | 39·7 | 6·4 | Calm | W | NW | Calm | 53·3 |
| 19 | ·155 | ·177 | ·071 | ·083 | ·122 | 49·2 | 52·2 | 60·8 | 53·2 | 53·9 | 62·4 | 46·4 | 16·0 | 3·3 | 134·0 | 71·6 | 38·4 | 8·0 | Calm | NW | NW | Calm | 83·2 |
| 20 | ·027 | ·119 | ·069 | ·165 | ·095 | 47·2 | 54·2 | 63·7 | 46·7 | 52·9 | 64·8 | 41·1 | 23·7 | 9·1 | 128·5 | 63·7 | 31·8 | 9·3 | Calm | Calm | W | Calm | 52·8 |
| 21 | ·151 | ·235 | ·170 | ·198 | ·189 | 41·5 | 56·2 | 63·0 | 44·8 | 51·4 | 65·0 | 38·2 | 26·8 | 10·0 | 135·8 | 70·8 | 29·4 | 8·8 | Calm | E | N | Calm | 32·7 |
| 22 | ·149 | ·242 | ·145 | ·244 | ·195 | 41·3 | 52·7 | 64·2 | 44·3 | 50·6 | 65·2 | 34·9 | 30·3 | 10·1 | 129·0 | 63·8 | 22·8 | 12·1 | Calm | W | W | Calm | 67·2 |
| 23 | ·227 | ·311 | ·213 | ·197 | ·237 | 39·8 | 54·2 | 65·6 | 43·6 | 50·8 | 67·3 | 35·2 | 32·1 | 9·5 | 134·3 | 67·0 | 23·5 | 11·7 | Calm | SE | NW | Calm | 39·3 |
| 24 | ·124 | ·164 | ·111 | ·193 | ·148 | 41·3 | 48·7 | 53·4 | 49·2 | 48·2 | 54·5 | 39·6 | 14·9 | 0·9 | 104·5 | 50·0 | 30·6 | 9·0 | Calm | E | NW | E | 42·2 |
| 25 | ·164 | ·262 | ·180 | ·205 | ·203 | 44·8 | 56·7 | 64·9 | 49·7 | 54·0 | 65·8 | 43·1 | 22·7 | 9·5 | 127·0 | 61·2 | 33·3 | 9·8 | NE | E | E | Calm | 72·0 |
| 26 | ·189 | ·252 | ·172 | ·222 | ·209 | 41·3 | 56·2 | 67·1 | 45·2 | 52·4 | 68·6 | 40·1 | 28·5 | 10·0 | 130·0 | 61·4 | 28·8 | 11·3 | Calm | NW | W | Calm | 54·1 |
| 27 | ·202 | ·266 | ·193 | ·220 | ·220 | 39·3 | 59·2 | 68·8 | 46·2 | 53·4 | 69·3 | 36·2 | 33·1 | 10·1 | 132·0 | 62·7 | 24·6 | 11·6 | Calm | N | W | Calm | 32·3 |
| 28 | ·164 | ·180 | ·083 | ·056 | ·121 | 46·0 | 50·2 | 59·0 | 48·2 | 50·8 | 62·8 | 44·6 | 18·2 | 3·2 | 125·5 | 62·7 | 34·8 | 9·8 | E | NW | N | Calm | 62·6 |
| 29 | ·035 | ·116 | ·073 | ·152 | ·094 | 50·9 | 57·2 | 67·8 | 49·2 | 56·3 | 69·3 | 45·1 | 24·2 | 9·2 | 129·5 | 60·2 | 36·9 | 8·2 | N | NE | NW | Calm | 111·7 |
| 30 | ·145 | ·219 | ·173 | ·228 | ·191 | 40·6 | 57·7 | 64·7 | 43·6 | 51·7 | 66·0 | 36·2 | 29·8 | 10·3 | 129·0 | 63·0 | 25·8 | 10·4 | Calm | W | W | Calm | 68·3 |
| 31 | ·187 | ·244 | ·169 | ·201 | ·200 | 38·3 | 58·2 | 67·9 | 44·3 | 52·2 | 67·8 | 35·7 | 32·1 | 10·4 | 131·0 | 63·2 | 24·3 | 11·4 | Calm | NW | NW | Calm | 94·1 |
| Mean | 29·230 | 29·300 | 29·215 | 29·252 | 29·249 | 43·6 | 54·3 | 62·2 | 47·2 | 51·8 | 63·7 | 40·7 | 23·0 | Total 193·7 | 120·9 | 57·2 | 31·5 | 9·1 | ... | ... | ... | ... | 55·2 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 42·9 | 46·3 | 51·3 | 46·3 | 46·7 | 40·1 | ·234 | ·251 | ·288 | ·303 | ·269 | ·236 | 75 | 66 | 58 | 93 | 73 | 92 | ... | 10 | 10 | 10 | 8 | Pc. *o.* | Pc.Pk. *o.* | *b.* |
| 2 | 42·8 | 48·8 | 55·3 | 44·4 | 47·8 | 41·1 | ·257 | ·236 | ·309 | ·270 | ·268 | ·246 | 88 | 49 | 50 | 86 | 68 | 92 | ... | 4 | 0 | 5 | 0 | Pc. *c.* | Pk. *c.* | *b.* |
| 3 | 39·6 | 52·8 | 54·1 | 43·4 | 47·5 | 38·1 | ·235 | ·336 | ·262 | ·254 | ·272 | ·223 | 94 | 70 | 40 | 83 | 72 | 95 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 41·4 | 51·3 | 56·2 | 49·8 | 49·7 | 39·6 | ·232 | ·308 | ·302 | ·328 | ·292 | ·231 | 80 | 66 | 44 | 83 | 68 | 92 | ... | 0 | 2 | 5 | 2 | *b.* | Cs.Ck.*c.* | Pk. *c.* |
| 5 | 44·4 | 52·3 | 54·3 | 45·0 | 49·0 | 42·1 | ·230 | ·316 | ·245 | ·281 | ·268 | ·230 | 64 | 64 | 35 | 89 | 63 | 76 | 0·03 | 0 | 0 | 3 | 2 | *b.* | Cs. *c.* | Fk.*b.c.* |
| 6 | 37·4 | 49·8 | 51·3 | 40·0 | 44·6 | 35·9 | ·213 | ·229 | ·171 | ·186 | ·200 | ·208 | 91 | 44 | 25 | 62 | 55 | 97 | ... | 0 | 0 | 3 | 0 | *b.* | Cs. *c.* | *b.* |
| 7 | 33·3 | 46·3 | 50·3 | 37·9 | 42·0 | 31·7 | ·158 | ·198 | ·158 | ·191 | ·176 | ·157 | 75 | 44 | 23 | 74 | 54 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 30·8 | 43·9 | 48·3 | 42·4 | 41·4 | 30·1 | ·150 | ·179 | ·183 | ·226 | ·184 | ·155 | 85 | 45 | 34 | 73 | 59 | 89 | ... | 0 | 3 | 10 | 2 | *b.* | Cs.Pc. *o.* | Ck. *c.* |
| 9 | 41·4 | 48·3 | 50·3 | 45·4 | 46·4 | 39·3 | ·226 | ·229 | ·215 | ·255 | ·231 | ·209 | 79 | 48 | 38 | 71 | 59 | 79 | ... | 10 | 10 | 10 | 10 | Pc. *o.* | Pc. *o.* | Pk. *o.* |
| 10 | 44·9 | 47·3 | 50·3 | 48·3 | 47·7 | 43·9 | ·269 | ·266 | ·303 | ·328 | ·291 | ·259 | 81 | 69 | 70 | 93 | 78 | 83 | 0·03 | 10 | 8 | 8 | 10 | Pc. *o.* | Pc.Cs. | Pc. *o.* |
| 11 | 46·1 | 50·3 | 52·1 | 45·9 | 48·6 | 44·1 | ·288 | ·291 | ·244 | ·260 | ·271 | ·283 | 85 | 65 | 42 | 72 | 64 | 96 | ... | 10 | 8 | 0 | 2 | Pc. *o.* | Cs.Pc. | Cs. *b.* |
| 12 | 44·4 | 49·3 | 52·8 | 49·3 | 48·9 | 41·9 | ·252 | ·301 | ·330 | ·312 | ·299 | ·251 | 77 | 73 | 67 | 79 | 74 | 90 | ... | 10 | 10 | 10 | 10 | Pc. *o.* | Pc. *o.* | Pc. *o.* |
| 13 | 49·5 | 49·8 | 52·1 | 50·0 | 50·4 | 48·1 | ·343 | ·354 | ·379 | ·352 | ·357 | ·326 | 93 | 96 | 93 | 94 | 94 | 93 | 0·25 | 10 | 10 | 10 | 8 | Pc. *o.r.* | Pc. *o.d.* | Pk. *c.* |
| 14 | 47·0 | 46·8 | 51·3 | 42·9 | 47·0 | 44·8 | ·324 | ·316 | ·307 | ·259 | ·301 | ·297 | 100 | 96 | 66 | 88 | 88 | 99 | 0·03 | 10 | 10 | 9 | 0 | Pc. *o.* | Pc. *o.* | *b.* |
| 15 | 39·4 | 46·8 | 50·3 | 46·0 | 45·6 | 37·1 | ·233 | ·276 | ·259 | ·285 | ·263 | ·221 | 94 | 75 | 53 | 85 | 77 | 99 | ... | 0 | 0 | 4 | 10 | *b.* | Ck. *c.* | Pc. *o.g.* |
| 16 | 44·7 | 47·3 | 48·9 | 42·9 | 45·9 | 43·5 | ·277 | ·282 | ·258 | ·257 | ·268 | ·276 | 89 | 76 | 58 | 87 | 77 | 95 | ... | 10 | 10 | 8 | 0 | Pc. *o.g.* | Pk. *o.g.* | *b.* |
| 17 | 40·4 | 48·3 | 51·1 | 46·3 | 46·5 | 38·6 | ·234 | ·262 | ·259 | ·290 | ·261 | ·228 | 88 | 61 | 49 | 85 | 71 | 95 | ... | 6 | 2 | 10 | 0 | Ck.Cs. *c.* | Pk. *o.* | *b.* |
| 18 | 44·9 | 47·3 | 49·3 | 47·3 | 47·2 | 44·1 | ·269 | ·276 | ·261 | ·302 | ·277 | ·264 | 81 | 72 | 57 | 86 | 74 | 84 | ... | 10 | 10 | 10 | 0 | Pc. *o.* | Pc. *o.* | *b.* |
| 19 | 47·3 | 50·3 | 53·3 | 51·3 | 50·6 | 45·8 | ·302 | ·340 | ·309 | ·354 | ·326 | ·301 | 86 | 86 | 57 | 86 | 79 | 96 | ... | 10 | 10 | 10 | 8 | Pc. *o.* | Pk. *o.g.* | Pk. *c.* |
| 20 | 45·9 | 49·3 | 52·3 | 45·2 | 48·2 | 41·1 | ·294 | ·288 | ·243 | ·283 | ·277 | ·259 | 90 | 68 | 40 | 89 | 72 | 100 | ... | 6 | 0 | 2 | 0 | Fk. *c.* | Pk. *c.* | *b.* |
| 21 | 40·6 | 51·3 | 52·0 | 44·2 | 47·0 | 38·1 | ·242 | ·315 | ·244 | ·283 | ·271 | ·230 | 92 | 69 | 42 | 95 | 75 | 99 | ... | 0 | 0 | 3 | 0 | *b.* | Ck. *c.* | *b.* |
| 22 | 38·4 | 44·4 | 48·3 | 40·7 | 42·9 | 34·1 | ·196 | ·184 | ·130 | ·208 | ·179 | ·184 | 74 | 45 | 21 | 72 | 53 | 92 | ... | 0 | 0 | 0 | 2 | *b.* | *b.* | Ck. *c.* |
| 23 | 37·9 | 46·3 | 49·3 | 41·4 | 43·7 | 34·6 | ·204 | ·212 | ·138 | ·233 | ·197 | ·193 | 82 | 49 | 21 | 82 | 59 | 94 | ... | 0 | 0 | 3 | 4 | *b.* | Ck. *c.* | Ck. *c.* |
| 24 | 39·9 | 44·4 | 48·3 | 48·1 | 45·1 | 38·3 | ·229 | ·237 | ·273 | ·323 | ·266 | ·215 | 88 | 67 | 67 | 93 | 79 | 87 | 0·06 | 5 | 10 | 8 | 10 | Cs.Pc. *c.* | Pc.Pk.*o.* | Pc. *o.d.* |
| 25 | 44·2 | 53·3 | 56·2 | 48·3 | 50·5 | 42·8 | ·283 | ·363 | ·338 | ·321 | ·326 | ·272 | 96 | 78 | 55 | 89 | 80 | 97 | 0·01 | 0 | 2 | 0 | 0 | Ck. *c.* | *b.* | *b.* |
| 26 | 41·1 | 49·3 | 53·3 | 43·4 | 46·8 | 39·8 | ·256 | ·261 | ·225 | ·259 | ·250 | ·242 | 98 | 57 | 34 | 86 | 69 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 37·9 | 50·3 | 53·0 | 43·0 | 46·0 | 35·9 | ·210 | ·248 | ·195 | ·236 | ·222 | ·208 | 87 | 48 | 27 | 76 | 60 | 97 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 42·2 | 48·3 | 51·3 | 46·3 | 47·0 | 41·3 | ·221 | ·315 | ·278 | ·290 | ·276 | ·217 | 70 | 86 | 55 | 85 | 74 | 72 | ... | 0 | 10 | 6 | 0 | *b.* | Pc.Ck. *o.* | *b.* |
| 29 | 47·3 | 52·3 | 54·9 | 46·8 | 50·3 | 44·6 | ·280 | ·327 | ·262 | ·290 | ·290 | ·289 | 75 | 69 | 38 | 82 | 66 | 96 | ... | 0 | 2 | 0 | 0 | Ck. *c.* | *b.* | *b.* |
| 30 | 39·4 | 50·3 | 50·0 | 39·4 | 44·8 | 36·1 | ·231 | ·268 | ·167 | ·188 | ·214 | ·213 | 90 | 55 | 27 | 66 | 59 | 99 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 31 | 35·3 | 46·3 | 51·1 | 39·4 | 43·0 | 33·9 | ·168 | ·159 | ·155 | ·179 | ·165 | ·173 | 72 | 32 | 22 | 60 | 47 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| Mean | 41·7 | 48·7 | 51·7 | 44·9 | 46·7 | 39·7 | ·243 | ·272 | ·248 | ·271 | ·258 | ·235 | 84 | 64 | 45 | 82 | 69 | 91 | Total 0·41 | 3·90 | 4·10 | 4·64 | 2·84 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·034 | 28·902 | 73·0 | 81·1 | 82·2 | 56·2 | 26·0 | 144·4 | 62·2 | 41·4 | 14·8 | NNE | ENE | SE | ESE | 96 |
| 2 | ·026 | ·906 | 72·2 | 79·7 | 81·4 | 55·3 | 26·1 | 145·0 | 63·6 | 41·9 | 13·4 | NNE | NNE | NE | ESE | 93 |
| 3 | ·030 | ·890 | 73·0 | 80·2 | 81·7 | 56·1 | 25·6 | 138·0 | 56·3 | 43·4 | 12·7 | WNW | NE | E | E | 99 |
| 4 | ·025 | ·880 | 68·7 | 78·7 | 80·3 | 57·3 | 23·0 | 145·7 | 65·4 | 43·4 | 13·9 | NE | NE | SSE | SE | 106 |
| 5 | 28·983 | ·858 | 72·2 | 82·5 | 83·2 | 54·2 | 29·0 | 137·9 | 54·7 | 40·5 | 13·7 | N | NE | E | ESE | 78 |
| 6 | 29·019 | ·848 | 74·5 | 83·7 | 84·8 | 57·3 | 27·5 | 139·4 | 54·6 | 44·4 | 12·9 | ESE | NE | ESE | SSE | 79 |
| 7 | 28·972 | ·784 | 75·2 | 85·2 | 87·2 | 60·4 | 26·8 | 138·4 | 51·2 | 46·7 | 13·7 | SSW | SSW | SW | ENE | 147 |
| 8 | ·972 | ·838 | 74·7 | 77·2 | 79·0 | 58·6 | 20·4 | 144·9 | 65·9 | 46·1 | 12·5 | N | NE | NNE | ESE | 126 |
| 9 | ·967 | ·846 | 71·4 | 80·6 | 82·3 | 54·2 | 28·1 | 136·4 | 54·1 | 39·1 | 15·1 | E | NNE | NNE | E | 114 |
| 10 | ·986 | ·864 | 72·8 | 83·2 | 85·2 | 57·3 | 27·9 | 142·9 | 57·7 | 43·5 | 13·8 | NE | ENE | SSW | SSE | 148 |
| 11 | 29·022 | ·894 | 74·2 | 81·4 | 82·7 | 61·4 | 21·3 | 142·4 | 59·7 | 49·9 | 11·5 | ENE | SSE | S | SSE | 125 |
| 12 | ·014 | ·863 | 74·1 | 84·4 | 85·2 | 64·1 | 21·1 | 146·1 | 60·9 | 55·8 | 8·3 | NE | S | S | SSE | 178 |
| 13 | 28·975 | ·825 | 74·2 | 81·0 | 83·5 | 62·4 | 21·1 | 144·1 | 60·6 | 51·9 | 10·5 | N | E | S | ESE | 157 |
| 14 | ·974 | ·838 | 73·8 | 81·2 | 82·2 | 62·1 | 20·1 | 143·8 | 61·6 | 53·9 | 8·2 | N | NE | NW | N | 108 |
| 15 | 29·019 | ·874 | 72·2 | 81·2 | 82·1 | 57·6 | 24·5 | 136·9 | 54·8 | 43·1 | 14·5 | N | NE | WNW | NE | 123 |
| 16 | ·029 | ·864 | 68·5 | 81·4 | 82·2 | 52·6 | 29·6 | 137·7 | 55·5 | 36·9 | 15·7 | NNE | NE | WNW | NE | 105 |
| 17 | 28·991 | ·834 | 72·7 | 82·7 | 84·3 | 55·3 | 29·0 | 138·3 | 54·0 | 40·1 | 15·2 | NNE | NE | NW | E | 94 |
| 18 | ·949 | ·775 | 75·7 | 84·8 | 85·5 | 56·3 | 29·2 | 141·1 | 55·6 | 41·9 | 14·4 | NE | NE | SSW | SE | 118 |
| 19 | ·871 | ·670 | 76·0 | 83·7 | 86·7 | 58·3 | 28·4 | 139·9 | 53·2 | 46·1 | 12·2 | ENE | SSW | SSW | SE | 220 |
| 20 | ·828 | ·721 | 74·2 | 81·2 | 82·7 | 57·3 | 25·4 | 138·8 | 56·1 | 42·3 | 15·0 | W | W | W | NNW | 149 |
| 21 | ·893 | ·724 | 72·0 | 78·7 | 80·7 | 55·5 | 25·2 | 144·7 | 64·0 | 42·7 | 12·8 | NNW | WNW | WSW | NW | 179 |
| 22 | ·917 | ·800 | 67·4 | 75·7 | 77·7 | 48·1 | 29·6 | 135·9 | 58·2 | 31·9 | 16·2 | NNW | NE | NW | NNE | 114 |
| 23 | 29·022 | ·861 | 66·2 | 77·2 | 77·7 | 48·1 | 29·6 | 136·7 | 59·0 | 32·0 | 16·1 | NNE | NE | NNW | N | 108 |
| 24 | 28·958 | ·817 | 68·5 | 81·2 | 82·0 | 49·6 | 32·4 | 138·9 | 56·9 | 33·8 | 15·8 | N | NE | S | SSE | 105 |
| 25 | ·924 | ·720 | 72·2 | 89·2 | 90·7 | 53·7 | 37·0 | 144·7 | 54·0 | 37·3 | 16·4 | SW | NW | W | WNW | 180 |
| 26 | ·882 | ·724 | 75·2 | 86·2 | 87·7 | 59·2 | 28·5 | 141·9 | 54·2 | 43·1 | 16·1 | WNW | NW | WNW | N | 179 |
| 27 | ·960 | ·832 | 74·1 | 82·4 | 83·1 | 57·3 | 25·8 | 142·7 | 59·6 | 41·4 | 15·9 | WSW | N | N | ENE | 98 |
| 28 | ·951 | ·757 | 70·7 | 86·1 | 87·1 | 55·8 | 31·3 | 141·4 | 54·3 | 38·9 | 16·9 | NNE | NE | WNW | WNW | 119 |
| 29 | ·845 | ·725 | 78·7 | 87·2 | 89·2 | 57·7 | 31·5 | 143·2 | 54·0 | 42·9 | 14·8 | WNW | WNW | NW | NNW | 185 |
| 30 | ·886 | ·768 | 79·2 | 88·3 | 90·2 | 61·3 | 28·9 | 146·1 | 55·9 | 45·1 | 16·2 | NNW | NW | WNW | NW | 225 |
| 31 | ·894 | ·739 | 77·2 | 83·7 | 86·3 | 61·8 | 24·5 | 142·8 | 56·5 | 43·8 | 18·0 | NW | NW | NW | N | 254 |
| Mean . | 28·962 | 28·814 | 73·1 | 82·3 | 83·8 | 56·9 | 26·9 | 141·3 | 57·6 | 42·7 | 14·1 | ... | ... | ... | ... | 135·8 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 62·7 | 64·4 | 53·1 | ·439 | ·399 | ·367 | 55 | 37 | 81 | ... | 0 | 2 | *b.* | Pc. *c. b.* | Pc. *c. b.* |
| 2 | 62·9 | 64·9 | 52·4 | ·461 | ·434 | ·359 | 58 | 43 | 81 | ... | 6 | 4 | Pc. Ck. *c.* | Pc. Ck. *c.* | Pc. Ck. *c.* |
| 3 | 62·9 | 64·7 | 52·3 | ·452 | ·415 | ·350 | 56 | 41 | 77 | ... | 1 | 3 | Pc. *b.* | Pc. Ck. *c.* | Pc. Ck. *c.* |
| 4 | 60·7 | 63·9 | 53·4 | ·429 | ·414 | ·361 | 62 | 42 | 76 | ... | 6 | 6 | Cs. *c.* | Cs. Pc. *c.* | Cs. Pc. *c.* |
| 5 | 63·3 | 66·1 | 52·2 | ·475 | ·434 | ·365 | 60 | 39 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 65·0 | 67·8 | 54·8 | ·500 | ·486 | ·403 | 58 | 42 | 85 | ... | 3 | 1 | Cs. *b.* | Pc. *b.* | Pc. *b.* |
| 7 | 66·7 | 67·7 | 57·8 | ·546 | ·456 | ·453 | 63 | 38 | 86 | ... | 1 | 5 | *b. c.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 8 | 65·9 | 65·7 | 57·0 | ·531 | ·486 | ·448 | 61 | 52 | 91 | ... | 4 | 3 | Ck. *c.* | Ck. Pc. *c.* | Ck. Pc. *b. c.* |
| 9 | 60·7 | 65·9 | 51·7 | ·395 | ·456 | ·351 | 52 | 43 | 84 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 64·7 | 69·9 | 52·9 | ·509 | ·568 | ·348 | 64 | 49 | 73 | ... | 0 | 3 | *b.* | Pc. K. *c.* | Pc. K. *b. c.* |
| 11 | 68·2 | 70·0 | 59·2 | ·611 | ·591 | ·473 | 73 | 55 | 88 | ... | 6 | 4 | Pc. K. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 12 | 67·9 | 70·9 | 61·8 | ·608 | ·591 | ·529 | 72 | 50 | 88 | ... | 7 | 7 | Pc. K. *c.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 13 | 67·9 | 69·6 | 60·0 | ·608 | ·578 | ·488 | 72 | 55 | 86 | ... | 2 | 4 | Pc. K. *b. c.* | Pc. K. *c.* | Pc. K. *c.* |
| 14 | 66·9 | 68·9 | 60·6 | ·576 | ·556 | ·510 | 68 | 52 | 92 | 0·03 | 3 | 6 | Ck. *c. t.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 15 | 63·7 | 65·0 | 56·0 | ·482 | ·416 | ·432 | 61 | 38 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 60·4 | 67·2 | 50·4 | ·429 | ·485 | ·341 | 61 | 46 | 85 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 62·9 | 66·4 | 52·7 | ·455 | ·449 | ·366 | 56 | 40 | 84 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 62·9 | 64·2 | 52·7 | ·418 | ·342 | ·354 | 47 | 29 | 78 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 63·8 | 64·9 | 54·4 | ·445 | ·385 | ·377 | 49 | 33 | 77 | ... | 0 | 7 | *b.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 20 | 56·9 | 62·7 | 53·1 | ·253 | ·336 | ·351 | 29 | 32 | 74 | ... | 0 | 2 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 21 | 57·9 | 58·4 | 50·2 | ·310 | ·241 | ·297 | 39 | 24 | 68 | ... | 8 | 0 | C. Pc. *c.* | *b.* | *b.* |
| 22 | 56·8 | 57·9 | 43·9 | ·337 | ·263 | ·237 | 50 | 29 | 69 | ... | 0 | 0 | *b.* | | |
| 23 | 52·4 | 57·8 | 43·1 | ·227 | ·242 | ·217 | 35 | 25 | 65 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 53·9 | 59·0 | 42·4 | ·240 | ·225 | ·184 | 34 | 21 | 51 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 57·4 | 64·4 | 46·9 | ·292 | ·299 | ·240 | 37 | 22 | 58 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 64·9 | 64·6 | 54·0 | ·491 | ·339 | ·354 | 56 | 27 | 70 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 62·7 | 63·9 | 52·9 | ·424 | ·367 | ·348 | 50 | 33 | 73 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 56·9 | 64·0 | 49·3 | ·296 | ·323 | ·275 | 39 | 26 | 61 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 65·0 | 62·9 | 51·2 | ·447 | ·274 | ·295 | 45 | 21 | 62 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 61·1 | 62·8 | 53·8 | ·314 | ·258 | ·326 | 32 | 19 | 59 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 31 | 62·8 | 61·7 | 52·9 | ·396 | ·273 | 2·93 | 42 | 24 | 52 | ... | 0 | 0 | *b.* | *b* | *b.* |
| Mean | 62·2 | 64·8 | 52·9 | ·432 | ·399 | ·358 | 53 | 36 | 76 | Total 0·03 | 1·52 | 1·84 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·918 | 29·990 | 29·862 | 29·930 | 29·914 | 70·4 | 76·0 | 78·7 | 73·4 | 75·6 | 81·5 | 69·0 | 12·5 | 10·0 | 136·8 | 55·3 | 57·1 | 11·9 | ENE | NE | NW | N | 259 |
| 2 | ·896 | ·973 | ·863 | ·939 | ·910 | 69·5 | 74·4 | 78·3 | 72·5 | 74·8 | 80·8 | 68·5 | 12·3 | 9·9 | 137·1 | 56·3 | 58·1 | 10·4 | NNE | ENE | NNW | NNE | 207 |
| 3 | ·915 | ·966 | ·861 | ·955 | ·912 | 70·5 | 74·3 | 76·4 | 73·1 | 74·4 | 78·5 | 69·0 | 9·5 | 6·9 | 137·3 | 58·8 | 60·9 | 8·1 | NNE | ENE | NW | NNW | 247 |
| 4 | ·908 | ·968 | ·857 | ·919 | ·904 | 70·3 | 74·5 | 76·5 | 72·6 | 74·4 | 79·2 | 69·1 | 10·1 | 7·0 | 134·0 | 54·8 | 61·8 | 7·3 | NNE | N | NW | NNW | 208 |
| 5 | ·868 | ·950 | ·837 | ·932 | ·885 | 69·3 | 75·0 | 79·0 | 74·4 | 75·4 | 80·5 | 68·0 | 12·5 | 10·1 | 133·9 | 53·4 | 60·8 | 7·2 | N | NE | NW | N | 213 |
| 6 | ·911 | ·961 | ·844 | ·938 | ·900 | 70·4 | 75·6 | 79·6 | 74·0 | 76·0 | 82·0 | 68·9 | 13·1 | 10·0 | 138·4 | 56·4 | 58·8 | 10·1 | N | ENE | NW | N | 235 |
| 7 | ·906 | ·973 | ·856 | ·938 | ·908 | 71·1 | 76·6 | 77·5 | 72·2 | 75·2 | 81·5 | 68·0 | 13·5 | 10·0 | 136·2 | 54·7 | 57·3 | 10·7 | ENE | N | NNW | N | 326 |
| 8 | ·918 | ·975 | ·859 | ·944 | ·913 | 66·4 | 74·2 | 77·8 | 72·5 | 73·9 | 80·4 | 65·0 | 15·4 | 10·1 | 137·5 | 57·1 | 52·4 | 12·6 | NNE | ENE | NNW | N | 288 |
| 9 | ·912 | ·960 | ·847 | ·918 | ·899 | 65·6 | 72·6 | 77·2 | 70·8 | 72·7 | 79·4 | 64·0 | 15·4 | 10·3 | 137·7 | 58·3 | 48·5 | 15·5 | NNE | ENE | NNW | N | 253 |
| 10 | ·905 | ·968 | ·868 | ·937 | ·911 | 67·6 | 74·8 | 76·9 | 69·7 | 73·4 | 79·8 | 64·9 | 14·9 | 10·3 | 136·3 | 56·5 | 51·7 | 13·2 | NNE | N | NW | NNW | 207 |
| 11 | ·918 | ·980 | ·877 | ·955 | ·923 | 66·6 | 74·2 | 78·2 | 71·4 | 73·7 | 79·7 | 64·8 | 14·9 | 10·1 | 136·3 | 56·6 | 52·1 | 12·7 | NNE | N | NW | N | 197 |
| 12 | ·927 | ·990 | ·877 | ·941 | ·925 | 68·1 | 72·8 | 78·0 | 72·3 | 73·7 | 79·5 | 65·6 | 13·9 | 10·1 | 143·0 | 63·5 | 54·4 | 11·2 | ESE | ESE | NW | NNW | 151 |
| 13 | ·915 | ·992 | ·891 | ·963 | ·929 | 69·6 | 73·6 | 78·1 | 71·5 | 74·2 | 80·0 | 68·4 | 11·6 | 10·2 | 138·3 | 58·3 | 57·4 | 11·0 | ESE | E | NW | N | 187 |
| 14 | ·937 | ·999 | ·870 | ·939 | ·928 | 68·4 | 72·5 | 75·4 | 69·5 | 72·5 | 79·7 | 66·1 | 13·6 | 10·3 | 127·3 | 47·6 | 57·2 | 8·9 | N | NE | NNW | N | 357 |
| 15 | ·930 | ·973 | ·843 | ·907 | ·902 | 65·1 | 71·9 | 78·2 | 71·4 | 73·0 | 80·4 | 62·7 | 17·7 | 10·1 | 140·2 | 59·8 | 51·5 | 11·2 | NNE | NE | NW | N | 269 |
| 16 | ·892 | ·940 | ·818 | ·886 | ·872 | 69·2 | 74·4 | 80·0 | 72·4 | 75·4 | 83·3 | 68·0 | 15·3 | 10·5 | 142·5 | 59·2 | 55·3 | 12·7 | NE | ENE | WNW | NNE | 176 |
| 17 | ·867 | ·941 | ·809 | ·879 | ·865 | 69·4 | 74·1 | 79·2 | 73·4 | 75·0 | 80·5 | 67·8 | 12·7 | 10·3 | 138·0 | 57·5 | 56·5 | 11·3 | NNE | NE | NW | N | 176 |
| 18 | ·844 | ·916 | ·800 | ·870 | ·847 | 69·6 | 74·4 | 78·6 | 73·4 | 74·9 | 79·6 | 67·7 | 11·9 | 10·3 | 137·5 | 57·9 | 55·4 | 12·3 | ENE | ENE | NW | NNW | 216 |
| 19 | ·842 | ·922 | ·786 | ·855 | ·842 | 69·5 | 74·4 | 76·2 | 71·8 | 73·8 | 79·5 | 68·2 | 11·3 | 9·0 | 141·0 | 61·5 | 57·1 | 11·1 | ESE | E | NW | NNE | 156 |
| 20 | ·808 | ·894 | ·821 | ·916 | ·853 | 69·7 | 75·3 | 75·9 | 70·5 | 73·7 | 79·2 | 68·8 | 10·4 | 10·4 | 142·3 | 63·1 | 58·6 | 10·2 | ESE | SE | NNW | NNW | 248 |
| 21 | ·895 | ·978 | ·849 | ·914 | ·900 | 67·3 | 71·7 | 73·9 | 67·9 | 71·2 | 77·0 | 65·0 | 12·0 | 9·5 | 135·6 | 58·6 | 52·5 | 12·5 | ENE | E | NNW | NNW | 319 |
| 22 | ·891 | ·951 | ·825 | ·927 | ·886 | 61·4 | 69·4 | 74·4 | 66·8 | 69·5 | 77·7 | 60·0 | 17·7 | 10·6 | 137·6 | 59·9 | 45·9 | 14·1 | NNE | NE | NNW | N | 357 |
| 23 | ·900 | ·972 | ·832 | ·893 | ·888 | 61·9 | 70·1 | 76·7 | 70·4 | 71·3 | 79·5 | 60·5 | 19·0 | 10·6 | 136·5 | 57·0 | 47·6 | 12·9 | NNE | NE | NNW | NNW | 248 |
| 24 | ·851 | ·929 | ·817 | ·905 | ·864 | 64·7 | 71·8 | 79·4 | 70·8 | 73·2 | 81·7 | 63·2 | 18·5 | 10·5 | 140·4 | 58·7 | 51·3 | 11·9 | NNE | E | WNW | NW | 141 |
| 25 | ·900 | ·980 | ·827 | ·913 | ·895 | 66·2 | 71·8 | 78·7 | 72·6 | 73·5 | 80·5 | 64·8 | 15·7 | 10·2 | 138·8 | 58·3 | 51·8 | 13·0 | NE | NE | W | NNW | 156 |
| 26 | ·887 | ·965 | ·837 | ·912 | ·891 | 68·8 | 76·3 | 77·5 | 72·3 | 74·6 | 80·3 | 67·0 | 13·3 | 9·4 | 139·0 | 58·7 | 57·7 | 9·3 | NE | N | NNW | NNW | 246 |
| 27 | ·912 | 30·000 | ·887 | ·948 | ·930 | 69·7 | 74·1 | 77·4 | 71·3 | 74·0 | 78·3 | 68·8 | 9·5 | 9·4 | 135·9 | 57·6 | 61·0 | 7·8 | N | ENE | NW | N | 290 |
| 28 | ·926 | 29·995 | ·837 | ·891 | ·904 | 67·0 | 75·1 | 78·3 | 72·0 | 74·3 | 80·2 | 64·9 | 15·3 | 10·3 | 138·9 | 58·7 | 57·9 | 7·0 | N | NE | NW | NNW | 303 |
| 29 | ·866 | ·964 | 844 | ·909 | ·889 | 69·5 | 73·1 | 77·3 | 71·7 | 73·9 | 79·7 | 68·0 | 11·7 | 10·1 | 139·4 | 59·7 | 61·1 | 6·9 | NNE | NE | NNW | NNW | 251 |
| 30 | ·911 | ·982 | ·867 | ·932 | ·914 | 69·4 | 73·9 | 77·3 | 70·7 | 73·6 | 79·5 | 68·1 | 11·4 | 9·6 | 137·2 | 57·7 | 59·1 | 9·0 | NNE | NE | NW | NW | 272 |
| 31 | ·919 | ·985 | ·848 | ·898 | ·902 | 69·8 | 73·2 | 74·9 | 69·9 | 72·8 | 78·4 | 66·1 | 12·3 | 7·7 | 136·4 | 58·0 | 57·9 | 8·2 | NNE | NE | NNW | NNW | 271 |
| Mean | 29·897 | 29·966 | 29·846 | 29·919 | 29·897 | 68·1 | 73·7 | 77·5 | 71·6 | 73·8 | 79·9 | 66·4 | 13·5 | Total 303·8 | 137·7 | 57·7 | 55·7 | 10·7 | ... | ... | ... | ... | 239·7 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 67·0 | 68·9 | 72·7 | 70·5 | 70·1 | 65·0 | ·616 | ·613 | ·724 | ·708 | ·665 | ·565 | 83 | 69 | 74 | 86 | 78 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | K. Ck. | *b.* |
| 2 | 65·5 | 68·5 | 72·5 | 68·7 | 69·3 | 65·2 | ·576 | ·618 | ·722 | ·652 | ·642 | ·579 | 80 | 72 | 75 | 82 | 77 | 84 | ... | 3 | 0 | 1 | 0 | K.Ck.C.*b* | K. Ck. C. | *b.* |
| 3 | 68·0 | 69·2 | 71·1 | 69·4 | 69·8 | 65·8 | ·653 | ·647 | ·692 | ·671 | ·666 | ·594 | 88 | 76 | 76 | 82 | 80 | 85 | ... | 2 | 1 | 8 | 9 | Ck. C. | K. Ck. C. | K. Ck. C. |
| 4 | 66·6 | 68·3 | 70·3 | 69·6 | 69·2 | 65·7 | 605 | ·612 | ·660 | ·685 | ·641 | ·587 | 82 | 71 | 73 | 86 | 78 | 82 | .. | 10 | 3 | 7 | 0 | K.Ck.C. *o.* | K. Ck. C. | *b.* |
| 5 | 67·2 | 70·2 | 72·4 | 68·5 | 70·1 | 65·8 | ·640 | ·675 | ·709 | ·618 | ·660 | ·607 | 90 | 78 | 72 | 72 | 78 | 90 | ... | 0 | 0 | 0 | 0 | K. | K. | *b.* |
| 6 | 66·4 | 70·2 | 73·1 | 66·5 | 69·8 | 65·2 | ·596 | ·666 | ·728 | ·552 | ·635 | ·574 | 80 | 75 | 72 | 66 | 73 | 81 | ... | 1 | 1 | 0 | 0 | Ck. | K. Ck. | *b.* |
| 7 | 64·3 | 63·9 | 67·3 | 63·5 | 65·6 | 63·1 | ·513 | ·424 | ·534 | ·472 | ·486 | ·512 | 67 | 46 | 56 | 60 | 57 | 74 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 58·4 | 63·5 | 65·7 | 65·4 | 63·7 | 57·9 | ·384 | ·445 | ·472 | ·533 | ·459 | ·388 | 59 | 53 | 50 | 67 | 57 | 63 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 58·9 | 64·8 | 67·5 | 64·5 | 64·4 | 57·1 | ·412 | ·510 | ·546 | ·523 | ·498 | ·375 | 65 | 64 | 58 | 70 | 64 | 60 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 63·6 | 66·3 | 68·5 | 65·5 | 66·4 | 60·3 | ·536 | ·534 | ·584 | ·574 | ·557 | ·463 | 79 | 61 | 63 | 79 | 71 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 61·2 | 66·7 | 68·0 | 68·0 | 66·3 | 59·4 | ·469 | ·556 | ·550 | ·639 | ·553 | ·434 | 71 | 66 | 57 | 83 | 69 | 70 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 66·1 | 67·7 | 71·2 | 69·1 | 68·7 | 63·3 | ·616 | ·611 | ·674 | ·670 | ·643 | ·552 | 90 | 76 | 70 | 84 | 80 | 88 | ... | 0 | 0 | 0 | 0 | K.*b* | K. Ck. | *b.* |
| 13 | 67·5 | 70·4 | 70·3 | 66·7 | 69·0 | 66·7 | ·647 | ·703 | ·638 | ·592 | ·645 | ·634 | 90 | 85 | 66 | 77 | 80 | 91 | ... | 0 | 0 | 0 | 0 | K.*b* | K. | *b.* |
| 14 | 63·1 | 67·2 | 66·5 | 63·0 | 65·5 | 61·4 | ·510 | ·531 | ·531 | ·490 | ·515 | ·483 | 73 | 75 | 60 | 68 | 69 | 75 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 57·9 | 62·7 | 70·2 | 66·2 | 65·2 | 55·0 | ·388 | ·450 | ·632 | ·576 | ·512 | ·333 | 63 | 57 | 65 | 75 | 65 | 58 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 65·5 | 68·9 | 72·5 | 68·4 | 69·6 | 63·1 | ·581 | ·634 | ·697 | ·642 | ·638 | ·512 | 81 | 74 | 68 | 81 | 76 | 74 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 65·5 | 68·4 | 72·3 | 69·5 | 69·3 | 63·7 | ·576 | ·620 | ·700 | ·668 | ·641 | ·537 | 80 | 73 | 70 | 81 | 76 | 79 | ... | 0 | 0 | 0 | 0 | Ck.*b* | *b.* | *b.* |
| 18 | 67·2 | 69·3 | 70·5 | 70·5 | 69·7 | 65·2 | ·635 | ·650 | ·638 | ·707 | ·657 | ·589 | 87 | 76 | 66 | 86 | 79 | 87 | ... | 0 | 0 | 0 | 0 | *b.*[b] | *b.* | *b.* |
| 19 | 67·5 | 70·1 | 68·7 | 67·5 | 68·5 | 66·4 | ·648 | ·680 | ·601 | ·617 | ·637 | ·625 | 90 | 80 | 67 | 80 | 77 | 91 | ... | 0 | 7 | 2 | 0 | K. C.*b* | K. Ck. C. | *b.* |
| 20 | 67·4 | 70·2 | 66·4 | 62·5 | 66·7 | 66·2 | ·642 | ·672 | ·522 | ·460 | ·574 | ·610 | 89 | 77 | 58 | 62 | 71 | 87 | ... | 3 | 5 | 0 | 0 | K. Ck. | K. Ck. C. | *b.* |
| 21 | 62·5 | 64·1 | 63·3 | 59·5 | 62·6 | 59·9 | ·503 | ·498 | ·442 | ·396 | ·460 | ·449 | 76 | 64 | 52 | 58 | 63 | 73 | ... | 2 | 2 | 3 | 0 | K. Ck. C. | K. Ck. C. | *b.* |
| 22 | 53·5 | 58·2 | 61·0 | 56·5 | 57·7 | 52·7 | ·305 | ·337 | ·358 | ·321 | ·330 | ·303 | 56 | 46 | 42 | 49 | 48 | 59 | ... | 0 | 0 | 1 | 0 | Ck. C. | Ck. C. | *b.* |
| 23 | 55·6 | 60·5 | 65·5 | 66·1 | 62·6 | 53·9 | ·360 | ·402 | ·481 | ·586 | ·458 | ·330 | 66 | 55 | 53 | 79 | 63 | 63 | ... | 2 | 0 | 0 | 0 | Ck. C. | *b.* | *b.* |
| 24 | 60·5 | 63·4 | 68·5 | 67·7 | 65·0 | 60·2 | ·473 | ·470 | ·559 | ·638 | ·535 | ·482 | 78 | 60 | 55 | 85 | 70 | 83 | ... | 0 | 0 | 0 | 0 | *b.*[b] | *b.* | *b.*[b] |
| 25 | 63·3 | 65·9 | 69·5 | 70·5 | 67·3 | 61·7 | ·543 | ·558 | ·600 | ·719 | ·605 | ·510 | 84 | 71 | 60 | 90 | 76 | 84 | ... | 1 | 0 | 2 | 0 | C.*b* | Ck. C. | *b.*[b] |
| 26 | 65·7 | 69·5 | 71·3 | 69·6 | 69·4 | 65·0 | ·593 | 634 | ·685 | ·689 | ·650 | ·592 | 85 | 70 | 72 | 87 | 79 | 89 | ... | 3 | 2 | 4 | 0 | K. C.*b* | Ck. C. | *b.*[b] |
| 27 | 67·8 | 69·5 | 67·6 | 66·1 | 68·3 | 66·7 | ·654 | ·661 | ·546 | ·574 | ·609 | ·628 | 90 | 79 | 58 | 75 | 76 | 90 | ... | 8 | 0 | 8 | 0 | K. C.*b* | Ck. C. | *b.* |
| 28 | 63·8 | 69·9 | 70·0 | 69·0 | 68·5 | 62·8 | ·552 | ·664 | ·623 | ·670 | ·627 | ·545 | 84 | 76 | 64 | 85 | 77 | 89 | ... | 1 | 0 | 1 | 0 | K. C.*b* | Ck. C. | *b.* |
| 29 | 68·0 | 69·3 | 71·4 | 68·6 | 69·7 | 67·0 | ·666 | ·667 | ·690 | ·659 | ·671 | 650 | 92 | 82 | 73 | 85 | 83 | 95 | ... | 8 | 0 | 0 | 0 | K.*b* | *b.* | *b.* |
| 30 | 67 5 | 69·4 | 68·7 | 65·8 | 68·2 | 66·6 | ·648 | ·660 | ·588 | ·569 | ·616 | ·634 | 90 | 79 | 62 | 76 | 77 | 92 | ... | 7 | 5 | 3 | 0 | K. Ck. C.*b* | K. Ck. C. | *b.* |
| 31 | 67·9 | 68·9 | 68·0 | 65·5 | 68·0 | 64·8 | ·657 | ·650 | ·592 | ·569 | ·617 | ·596 | 90 | 80 | 68 | 78 | 79 | 94 | ... | 10 | 2 | 0 | 0 | K. Ck *o.* | K. Ck. | *b.* |
| Mean | 64·2 | 67·2 | 69·1 | 66·7 | 67·2 | 62·7 | ·555 | ·582 | ·604 | ·595 | ·584 | ·525 | 80 | 70 | 64 | 77 | 73 | 80 | ... | 1·97 | 0·90 | 1·29 | 0·29 | ... | ... | .. |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 30·054 | 29·928 | 30·003 | 29·980 | 79·8 | 80·5 | 71·0 | 74·4 | 83·6 | 67·4 | 16·2 | 138·2 | 54·6 | 64·5 | 2·9 | NE by N | NE by N | 76 | 80 | 156 |
| 2 | ·025 | ·905 | ·004 | ·964 | 77·8 | 81·8 | 75·6 | 75·0 | 84·5 | 66·5 | 18·0 | 140·6 | 56·1 | 62·9 | 3·6 | NE by N | NE | 47 | 110 | 157 |
| 3 | ·029 | ·920 | ·011 | ·974 | 80·8 | 79·0 | 74·9 | 76·9 | 84·5 | 73·5 | 11·0 | 139·8 | 55·3 | 71·1 | 2·4 | NE by N | NE | 111 | 114 | 225 |
| 4 | ·047 | ·913 | 29·980 | ·964 | 81·1 | 80·8 | 73·9 | 75·6 | 84·4 | 67·7 | 16·7 | 142·4 | 58·0 | 64·6 | 3·1 | NE by N | NE by E | 69 | 100 | 169 |
| 5 | ·000 | ·898 | 30·009 | ·957 | 75·8 | 79·3 | 73·7 | 73·4 | 84·2 | 66·3 | 17·9 | 142·5 | 58·3 | 62·9 | 3·4 | NE | NE by E | 57 | 91 | 148 |
| 6 | ·028 | ·914 | 29·999 | ·967 | 78·9 | 80·4 | 69·9 | 74·2 | 84·3 | 68·9 | 15·4 | 140·1 | 55·8 | 63·5 | 5·4 | NE | ENE | 44 | 63 | 107 |
| 7 | ·028 | ·888 | 30·008 | ·959 | 81·2 | 80·8 | 69·1 | 74·1 | 84·5 | 66·8 | 17·7 | 138·5 | 54·0 | 63·8 | 3·0 | NE by E | E | 33 | 52 | 85 |
| 8 | ·017 | ·887 | 29·974 | ·944 | 78·9 | 79·9 | 68·9 | 72·5 | 83·0 | 63·6 | 19·4 | 139·4 | 56·4 | 59·7 | 3·9 | E by N | ESE | 32 | 40 | 72 |
| 9 | ·035 | ·917 | 30·011 | ·974 | 79·8 | 79·3 | 67·9 | 72·4 | 82·5 | 64·2 | 18·3 | 136·1 | 53·6 | 59·3 | 4·9 | ESE | E by S | 24 | 35 | 59 |
| 10 | ·050 | ·943 | ·033 | ·997 | 81·6 | 79·1 | 69·0 | 73·2 | 83·7 | 64·5 | 19·2 | 141·8 | 58·1 | 60·6 | 3·9 | E | E | 24 | 38 | 62 |
| 11 | ·060 | ·955 | ·051 | 30·010 | 80·8 | 80·8 | 68·9 | 73·4 | 84·2 | 64·7 | 19·5 | 142·0 | 57·8 | 61·3 | 3·4 | E by N | E | 28 | 45 | 73 |
| 12 | ·066 | ·948 | ·056 | ·009 | 80·8 | 80·9 | 71·8 | 74·0 | 84·3 | 64·2 | 20·1 | 138·4 | 54·1 | 60·3 | 3·9 | E by N | E by N | 42 | 56 | 98 |
| 13 | ·055 | ·929 | ·013 | 29·984 | 80·8 | 80·8 | 74·0 | 75·2 | 84·7 | 66·6 | 18·1 | 141·4 | 56·7 | 63·3 | 3·3 | ENE | NE | 40 | 92 | 132 |
| 14 | ·024 | ·900 | 29·998 | ·959 | 77·7 | 81·6 | 73·5 | 74·7 | 85·5 | 67·5 | 18·0 | 141·2 | 55·7 | 63·3 | 4·2 | NNE | NE by N | 53 | 79 | 132 |
| 15 | ·001 | ·903 | ·984 | ·952 | 82·8 | 80·8 | 72·1 | 76·0 | 85·7 | 69·4 | 16·3 | 143·3 | 57·6 | 67·7 | 1·7 | NE by N | NE by N | 44 | 97 | 141 |
| 16 | ·022 | ·909 | ·997 | ·963 | 80·8 | 80·4 | 75·4 | 75·8 | 84·5 | 67·4 | 17·1 | 143·3 | 58·8 | 63·5 | 3·9 | NNE | NE | 61 | 92 | 153 |
| 17 | ·006 | ·875 | ·970 | ·935 | 81·8 | 80·9 | 75·8 | 76·3 | 84·2 | 67·4 | 16·8 | 138·5 | 54·3 | 64·4 | 3·0 | NE | NE by N | 67 | 112 | 179 |
| 18 | 29·996 | ·862 | ·957 | ·923 | 81·4 | 80·8 | 74·8 | 75·6 | 85·3 | 66·2 | 19·1 | 141·5 | 56·2 | 62·2 | 4·0 | NE by N | E by N | 41 | 94 | 135 |
| 19 | ·976 | ·813 | ·924 | ·885 | 80·0 | 80·8 | 73·0 | 74·6 | 83·9 | 65·5 | 18·4 | 143·3 | 59·4 | 62·1 | 3·4 | E by N | E by N | 31 | 74 | 105 |
| 20 | ·931 | ·806 | ·921 | ·872 | 78·6 | 79·8 | 74·2 | 75·1 | 85·7 | 68·4 | 17·3 | 144·5 | 58·8 | 65·2 | 3·2 | E by S | ESE | 11 | 60 | 71 |
| 21 | ·935 | ·784 | ·886 | ·851 | 80·0 | 80·8 | 76·0 | 75·7 | 84·5 | 66·9 | 17·6 | 140·1 | 55·6 | 63·5 | 3·4 | SE | SE by S | 25 | 86 | 111 |
| 22 | ·906 | ·790 | ·916 | ·858 | 83·0 | 80·9 | 76·7 | 77·4 | 87·2 | 69·9 | 17·3 | 145·1 | 57·9 | 67·1 | 2·8 | S by E | SE | 26 | 84 | 110 |
| 23 | ·980 | ·849 | ·961 | ·915 | 84·6 | 82·5 | 77·3 | 78·8 | 87·9 | 71·6 | 16·3 | 142·9 | 55·0 | 68·0 | 3·6 | ESE | NE | 31 | 132 | 163 |
| 24 | ·972 | ·855 | ·960 | ·916 | 82·8 | 81·9 | 75·0 | 76·4 | 85·9 | 66·5 | 19·4 | 143·4 | 57·5 | 62·7 | 3·8 | NE | NE | 51 | 130 | 181 |
| 25 | 30·007 | ·871 | ·994 | ·941 | 81·8 | 81·2 | 67·1 | 73·4 | 84·9 | 64·2 | 20·7 | 139·5 | 54·6 | 59·2 | 5·0 | NE by E | E by N | 37 | 47 | 84 |
| 26 | 29·965 | ·817 | ·928 | ·886 | 76·4 | 78·1 | 69·0 | 71·3 | 86·2 | 62·4 | 23·8 | 143·5 | 57·3 | 59·0 | 3·4 | E | S by E | 23 | 44 | 67 |
| 27 | ·967 | ·809 | ·923 | ·882 | 78·4 | 81·4 | 71·8 | 73·9 | 89·5 | 64·6 | 24·9 | 144·8 | 55·3 | 60·2 | 4·4 | S by E | SSE | 51 | 52 | 103 |
| 28 | ·950 | ·832 | ·926 | ·889 | 78·8 | 81·9 | 70·3 | 74·3 | 86·4 | 66·8 | 19·6 | 143·3 | 56·9 | 64·2 | 2·6 | SE by S | NE by E | 9 | 52 | 61 |
| 29 | ·949 | ·807 | ·882 | ·863 | 78·9 | 80·4 | 73·2 | 74·5 | 89·3 | 66·4 | 22·9 | 141·7 | 52·4 | 63·2 | 3·2 | N by E | SE by E | 28 | 50 | 78 |
| 30 | ·933 | ·796 | ·912 | ·864 | 80·8 | 84·3 | 75·1 | 77·0 | 90·5 | 68·4 | 22·1 | 145·4 | 54·9 | 65·5 | 2·9 | S by E | SE | 42 | 50 | 92 |
| 31 | ·930 | ·787 | ·880 | ·850 | 81·8 | 82·8 | 73·3 | 76·9 | 87·6 | 70·3 | 17·3 | 142·5 | 54·9 | 67·3 | 3·0 | S by E | SE | 39 | 75 | 114 |
| Mean | 29·998 | 29·871 | 29·970 | 29·932 | 80·3 | 80·8 | 72·7 | 74·9 | 85·4 | 66·9 | 18·5 | 141·6 | 56·2 | 63·4 | 3·5 | ... | ... | 41·8 | 75·0 | 116·9 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 70·9 | 72·1 | 68·9 | 69·7 | 66·9 | ·637 | ·676 | ·680 | ·665 | ·654 | 62 | 64 | 90 | 78 | 97 | ... | 5·0 | 3·0 | K. *c.* | K. *b. c.* |
| 2 | 71·9 | 74·7 | 71·7 | 71·2 | 66·5 | ·704 | ·766 | ·725 | ·714 | ·652 | 74 | 71 | 82 | 95 | 100 | 0·01 | 8·0 | 4.5 | K. *cloudy* | K. *c.* |
| 3 | 74·9 | 72·9 | 70·9 | 72·4 | 71·0 | ·787 | ·705 | ·704 | ·737 | ·727 | 74 | 74 | 81 | 79 | 88 | ... | 5·0 | 4·5 | K. *c.* | K *c.* |
| 4 | 71·8 | 72·9 | 67·9 | 70·1 | 67·6 | ·658 | ·703 | ·604 | ·664 | ·676 | 61 | 67 | 72 | 75 | 99 | ... | 5·0 | 2·5 | K. *c.* | K. *b. c.* |
| 5 | 70·8 | 70·0 | 67·9 | 68·6 | 65·7 | ·688 | ·610 | ·606 | ·636 | ·626 | 77 | 60 | 73 | 77 | 96 | ... | 5·0 | 4·0 | K. *c.* | K. *c.* |
| 6 | 71·1 | 69·9 | 67·4 | 68·7 | 66·2 | ·658 | ·592 | ·641 | ·629 | ·609 | 67 | 57 | 87 | 74 | 86 | ... | 6·0 | 5·0 | K. *c.* | K. *c.* |
| 7 | 70·3 | 69·9 | 66·9 | 68·2 | 65·8 | ·596 | ·586 | ·632 | ·612 | ·622 | 56 | 56 | 89 | 72 | 95 | ... | 3·0 | 1·0 | K. *b. c.* | C. *b.* |
| 8 | 70·9 | 71·9 | 67·3 | 68·4 | 63·3 | ·650 | ·676 | ·648 | ·641 | 579 | 66 | 66 | 92 | 81 | 97 | ... | 5·0 | 1·0 | K. *c.* | K. *b.* |
| 9 | 70·6 | 70·9 | 66·6 | 68·0 | 63·8 | ·626 | ·645 | ·636 | ·625 | ·588 | 62 | 64 | 94 | 78 | 97 | ... | 3·0 | 1·5 | K. *b. c.* | K. *b. c.* |
| 10 | 71·0 | 69·9 | 67·9 | 68·2 | 64·2 | ·617 | ·609 | ·668 | ·624 | ·598 | 58 | 61 | 95 | 78 | 97 | ... | 4·0 | 3·0 | K. *c.* | K. *c.* |
| 11 | 71·0 | 70·9 | 67·7 | 68·5 | 64·4 | ·628 | ·624 | ·663 | ·632 | ·602 | 59 | 59 | 94 | 76 | 97 | ... | 4·0 | 3·0 | K. *b. c.* | K. *b. c.* |
| 12 | 70·9 | 71·7 | 69·2 | 68·9 | 63·6 | ·624 | ·654 | ·681 | ·640 | ·582 | 59 | 62 | 88 | 75 | 96 | ... | 3·0 | 2·5 | K. *b. c.* | K. *b. c.* |
| 13 | 70·9 | 71·8 | 68·9 | 69·4 | 65·8 | ·624 | ·660 | ·640 | ·642 | ·625 | 59 | 60 | 76 | 73 | 95 | ... | 3·0 | 2·0 | K. *b. c.* | K. *b. c.* |
| 14 | 71·7 | 73·1 | 70·5 | 70·4 | 66·4 | ·697 | ·702 | ·708 | ·687 | ·635 | 74 | 65 | 86 | 80 | 94 | ... | 4·0 | 3·0 | K. *b. c.* | K. *b. c.* |
| 15 | 74·8 | 71·8 | 69·9 | 71·1 | 67·9 | ·756 | ·660 | ·686 | ·697 | ·664 | 67 | 62 | 89 | 77 | 92 | ... | 5·0 | 2·5 | K. *b. c.* | K. *b. c.* |
| 16 | 73·2 | 72·7 | 70·9 | 70·8 | 66·4 | ·716 | ·702 | ·697 | ·689 | ·636 | 68 | 68 | 79 | 77 | 95 | ... | 4·0 | 3·0 | K. *b. c.* | K. *b. c.* |
| 17 | 74·0 | 73·7 | 69·9 | 71·0 | 66·4 | ·736 | ·736 | ·653 | ·689 | ·636 | 67 | 70 | 73 | 76 | 95 | ... | 4·0 | 2·5 | K. *b. c.* | K. *b. c.* |
| 18 | 72·6 | 72·0 | 69·7 | 70·0 | 65·6 | ·684 | ·668 | ·660 | ·660 | ·624 | 64 | 63 | 77 | 75 | 96 | ... | 4·0 | 2·5 | K. *b. c.* | K. *b. c.* |
| 19 | 71·9 | 70·9 | 68·4 | 69·1 | 65·0 | ·675 | ·624 | ·635 | ·639 | ·612 | 66 | 59 | 78 | 74 | 97 | ... | 4·0 | 2·0 | K. *b. c.* | K. *b. c.* |
| 20 | 71·9 | 72·9 | 70·9 | 70·6 | 66·7 | ·688 | ·717 | ·714 | ·690 | ·633 | 71 | 70 | 85 | 79 | 91 | ... | 6·0 | 3·5 | K. *b. c.* | K. *c.* |
| 21 | 72·1 | 75·8 | 73·2 | 71·9 | 66·6 | ·657 | ·825 | ·782 | ·732 | ·650 | 66 | 78 | 87 | 82 | 97 | ... | 4·0 | 2·0 | K. *b. c.* | K. *b. c.* |
| 22 | 76·8 | 74·6 | 73·9 | 73·5 | 68·6 | ·839 | ·773 | ·790 | ·774 | ·683 | 75 | 73 | 87 | 82 | 92 | ... | 3·0 | 1·5 | K. *b. c.* | C. *b.* |
| 23 | 76·2 | 74·8 | 71·9 | 73·4 | 70·8 | ·791 | ·760 | ·710 | ·751 | ·745 | 66 | 68 | 75 | 76 | 95 | ... | 4·0 | 4·0 | K. *b. c.* | K. *c.* |
| 24 | 74·6 | 70·2 | 67·9 | 69·7 | 66·0 | ·753 | ·582 | ·589 | ·638 | ·634 | 66 | 53 | 68 | 70 | 97 | ... | 5·0 | 1·5 | K. *c.* | K. *b. c.* |
| 25 | 77·2 | 71·7 | 64·9 | 69·2 | 62·8 | ·873 | ·650 | ·587 | ·659 | ·554 | 81 | 61 | 88 | 80 | 92 | ... | 4·0 | 5·0 | K. *b. c.* | K. *c.* |
| 26 | 69·9 | 72·0 | 67·1 | 67·7 | 61·6 | ·645 | ·705 | ·639 | ·631 | ·538 | 71 | 74 | 90 | 83 | 94 | ... | 6·0 | 3·0 | C. *hazy.* | K. *b. c.* |
| 27 | 72·1 | 75·0 | 70·9 | 70·6 | 64·2 | ·705 | ·783 | ·744 | ·706 | ·596 | 73 | 73 | 95 | 85 | 97 | ... | 6·0 | 2·5 | C. *hazy.* | K. *c.* |
| 28 | 73·8 | 73·6 | 68·9 | 70·7 | 66·6 | ·768 | ·718 | ·689 | ·705 | ·651 | 78 | 66 | 92 | 84 | 98 | ... | 6·0 | 3·5 | K. *c.* | K. *b. c.* |
| 29 | 72·6 | 74·2 | 71·9 | 71·2 | 66·1 | ·718 | ·763 | ·757 | ·721 | ·639 | 73 | 73 | 89 | 84 | 97 | ... | 4·0 | 4·5 | C. *c.* | C. *c. hazy.* |
| 30 | 73·6 | 77·0 | 72·9 | 73·0 | 68·3 | ·745 | ·831 | ·781 | ·759 | ·692 | 70 | 70 | 90 | 82 | 99 | ... | 5·0 | 4·0 | C. *c. hazy.* | C. *c. hazy.* |
| 31 | 73·9 | 74·9 | 71·3 | 72·5 | 69·8 | ·730 | ·760 | ·741 | ·741 | ·723 | 67 | 67 | 88 | 80 | 96 | ... | 4·0 | 2·5 | C. *b. c.* | K. *b. c.* |
| Mean | 72·9 | 72·6 | 69·5 | 70·2 | 66·1 | ·699 | ·692 | ·680 | ·678 | ·635 | 67 | 66 | 85 | 79 | 95 | Total 0·01 | 4·55 | 2·92 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN JANUARY 1887.

| Hours. | Barometer reduced to 32° Fah. Ioches. | Temperature. Air. o | Temperature. Evaporation. o | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·953 | 60·4 | 57·6 | ·483 | 84 | 0·15 | 1 | 16 | 18 | 3 | 5 | 5 | 11 | 8 | 10 | 2 | No interpolated values. Registers complete. |
| 1 | ·946 | 59·8 | 57·3 | ·446 | 86 | 0·15 | 2 | 20 | 24 | 0 | 6 | 7 | 9·5 | 6 | 6·5 | 1 | |
| 2 | ·937 | 59·3 | 56·7 | ·437 | 86 | *Nil.* | *Nil.* | 16 | 23 | 2 | 9 | 4 | 7·5 | 10 | 2 | 3 | |
| 3 | ·925 | 58·8 | 56·5 | ·431 | 86 | „ | „ | 32 | 20 | 4 | 10 | 4 | 8 | 2 | 5·5 | 4 | |
| 4 | ·919 | 58·5 | 55·9 | ·419 | 85 | „ | „ | 33·5 | 15 | 1 | 7 | 7 | 9 | 1 | 2 | 5 | |
| 5 | ·923 | 58·1 | 55·7 | ·416 | 85 | „ | „ | 37 | 20 | 0 | 10 | 9 | 11 | 1 | 3·5 | 1 | |
| 6 | ·938 | 57·7 | 55·2 | ·409 | 84 | „ | „ | 40 | 21 | 0 | 11 | 4 | 11·5 | 1 | 4 | 0 | |
| 7 | ·960 | 57·6 | 55·0 | ·404 | 84 | 0·01 | 1 | 25 | 22 | 0 | 7 | 6 | 6·5 | 6 | 4·5 | 1 | |
| 8 | ·986 | 59·6 | 56·5 | ·423 | 82 | 0·02 | 1 | 47 | 25 | 6 | 14 | 4 | 9 | 2 | 11 | 1 | |
| 9 | 30·014 | 63·3 | 58·2 | ·423 | 69 | 0·02 | 1 | 47·5 | 26 | 16 | 8 | 20 | 7 | 3 | 4 | 0 | |
| 10 | ·021 | 66·1 | 59·4 | ·423 | 66 | *Nil.* | *Nil.* | 44 | 25 | 16 | 11 | 13 | 14 | 9 | 21 | 0 | |
| 11 | ·005 | 68·7 | 60·2 | ·417 | 58 | „ | „ | 52 | 24 | 10 | 3 | 13 | 36 | 10 | 32 | 0 | |
| Noon | 29·974 | 70·5 | 60·7 | ·400 | 54 | 0·01 | 1 | 38 | 18 | 2 | 1 | 17 | 20 | 33 | 68 | 0 | |
| 13 | ·938 | 72·1 | 61·4 | ·409 | 52 | 0·01 | 1 | 39 | 5 | 0 | 0 | 4 | 42 | 41 | 79 | 0 | |
| 14 | ·910 | 72·9 | 61·5 | ·400 | 49 | *Nil.* | *Nil.* | 27 | 6 | 0 | 0 | 13 | 34 | 32 | 77 | 0 | |
| 15 | ·891 | 73·3 | 61·7 | ·403 | 49 | 0·01 | 1 | 41 | 11 | 3 | 0 | 16 | 29 | 36 | 53 | 0 | |
| 16 | ·885 | 73·1 | 61·7 | ·407 | 49 | *Nil.* | *Nil.* | 40 | 7 | 0 | 0 | 12 | 20 | 21 | 51 | 0 | |
| 17 | ·890 | 71·8 | 62·3 | ·440 | 55 | 0·03 | 1 | 23 | 5 | 0 | 0 | 12 | 12 | 4 | 23 | 6 | |
| 18 | ·900 | 67·8 | 61·7 | ·427 | 69 | 0·83 | 2 | 25 | 2 | 0 | 0 | 7 | 12 | 5 | 21·5 | 5 | |
| 19 | ·916 | 65·0 | 60·6 | ·475 | 76 | 0·17 | 2 | 19 | 19 | 0 | 0 | 6 | 8 | 7 | 12·5 | 4 | |
| 20 | ·936 | 63·6 | 60·2 | ·472 | 79 | *Nil.* | *Nil.* | 15 | 17·5 | 0 | 0 | 9 | 17 | 3 | 10·5 | 5 | |
| 21 | ·948 | 62·7 | 59·3 | ·466 | 81 | „ | „ | 12·5 | 20·5 | 2 | 4 | 11 | 13 | 3 | 16 | 5 | |
| 22 | ·954 | 61·9 | 58·7 | ·457 | 81 | „ | „ | 9·5 | 26 | 2 | 3 | 6 | 13 | 2 | 10·5 | 3 | |
| 23 | ·953 | 61·1 | 58·0 | ·449 | 82 | „ | „ | 14 | 27 | 5 | 4 | 7 | 13 | 8 | 8 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN JANUARY 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 28·5 | 12·5 | 2 | 7 | 5·5 | 1·5 | 10 | 8 | 5 | 31·5 | 30 | 9 | 14·5 | 11·5 | 8 | 9 | 23·5 | 0 |
| 1 to 2 | 24·5 | 17·5 | 2 | 7·5 | 4·5 | 4·5 | 12 | 6·5 | 6 | 45 | 24 | 10 | 13 | 16 | 4 | 11·5 | 15·5 | 0 |
| 2 to 3 | 20 | 12 | 4·5 | 6 | 4·5 | 1·5 | 7·5 | 8 | 5 | 54 5 | 28 | 9 | 5·5 | 6 | 10 | 10 | 16 | 0 |
| 3 to 4 | 19 | 10·5 | 0·5 | 8 | 4·5 | 3 | 6·5 | 6 | 7 | 50 | 34 | 7 | 1 | 1·5 | 8 | 13·5 | 26 | 0 |
| 4 to 5 | 23 | 12 | 1·5 | 9·5 | 13 | 1·5 | 8 | 12·5 | 5 | 54 | 43·5 | 5 | 0 | 0·5 | 4·5 | 6 | 28·5 | 0 |
| 5 to 6 | 18 | 9·5 | 1 | 4 | 13·5 | 3·5 | 7 | 13·5 | 4 | 40 | 43 | 14·5 | 0 | 1 | 1 | 14 | 26·5 | 0 |
| 6 to 7 | 20·5 | 10·5 | 1·5 | 6 | 9 | 3 | 10 | 11·5 | 7 | 41·5 | 42·5 | 9·5 | 0 | 1 | 1 | 5 | 31·5 | 0 |
| 7 to 8 | 19 | 8 | 0·5 | 4 | 8·5 | 2·5 | 15 | 13·5 | 10 | 43·5 | 26 | 9 | 3 | 0 | 0 | 2·5 | 41 | 0 |
| 8 to 9 | 28 | 9·5 | 3 | 3 | 8 | 4 | 17 | 16·5 | 6 | 46 | 43·5 | 10·5 | 9 | 0 | 8 | 11·5 | 29·5 | 0 |
| 9 to 10 | 32 | 16 | 8·5 | 5 | 10 | 5·5 | 22 | 18 | 4 | 9 | 75·5 | 18 5 | 3 | 17·5 | 8·5 | 15·5 | 51·5 | 0 |
| 10 to 11 | 69 | 25 | 7·5 | 0 | 14 | 3 | 10 | 34·5 | 0 | 4·5 | 33·5 | 39·5 | 19 | 19 | 19 | 26 | 42·5 | 0 |
| 11 to noon | 72·5 | 33·5 | 10 | 1 | 12 | 1 | 13·5 | 36·5 | 1 | 13·5 | 30·5 | 12·5 | 47 | 33 | 41·5 | 34·5 | 28·5 | 0 |
| Noon to 13 | 80 | 22 | 13 | 4 | 13 | 0 | 14·5 | 58·5 | 0 | 13·5 | 8·5 | 12 | 28·5 | 65·5 | 37·5 | 32·5 | 55 | 0 |
| 13 to 14 | 75 | 14·5 | 18 | 5·5 | 14·5 | 2 | 12·5 | 57 | 2 | 16 | 10 | 2·5 | 31 | 44 | 68 | 55·5 | 45 | 0 |
| 14 to 15 | 79 | 13·5 | 6 | 9 | 13·5 | 4·5 | 6·5 | 53 | 0 | 16·5 | 11 | 4 | 9·5 | 49·5 | 48·5 | 69 | 58 | 0 |
| 15 to 16 | 50·5 | 25·5 | 1·5 | 18·5 | 9 | 3·5 | 8 | 41·5 | 0 | 10·5 | 6·5 | 9·5 | 7·5 | 59·5 | 44 | 59 | 63·5 | 0 |
| 16 to 17 | 35·5 | 12·5 | 0·5 | 14 | 6 | 2 | 5 | 28·5 | 5 | 26 | 10 | 3·5 | 12·5 | 56 | 26 | 40·5 | 57·5 | 0 |
| 17 to 18 | 29·5 | 19·5 | 4 | 8·5 | 5·5 | 2 | 1·5 | 14·5 | 5 | 10·5 | 16·5 | 11·5 | 16 | 33·5 | 19 | 18 | 51 | 0 |
| 18 to 19 | 28·5 | 11 | 5·5 | 6 | 3·5 | 1·5 | 2·5 | 22·5 | 4 | 17 | 21 | 21·5 | 27·5 | 24 | 13 | 6·5 | 25·5 | 0 |
| 19 to 20 | 20·5 | 13 | 0 | 4 | 5 | 3 | 2 | 18·5 | 8 | 15 | 12 | 26 | 40·5 | 13 | 5·5 | 10 | 25 | 0 |
| 20 to 21 | 28 | 13·5 | 0 | 5·5 | 3 | 1·5 | 3 | 17·5 | 7 | 24 | 15 | 30 | 45·5 | 8 | 0 | 13·5 | 25 | 0 |
| 21 to 22 | 34·5 | 10·5 | 0 | 4 | 5·5 | 2·5 | 2·5 | 15·5 | 7 | 26·5 | 18 | 25 | 30·5 | 10 | 0 | 5·5 | 21·5 | 0 |
| 22 to 23 | 36 | 10 | 3 | 5 | 6·5 | 1·5 | 8 | 11 | 10 | 23 | 19·5 | 13·5 | 19·5 | 18·5 | 1·5 | 7 5 | 19 | 1 |
| 23 to midn. | 42·5 | 9·5 | 3·5 | 5 | 6 | 2 | 9 | 5·5 | 8 | 23 | 32·5 | 6 | 16·5 | 22·5 | 7 | 7·5 | 16 | 1 |

# FEBRUARY 1887.

*N. B.*—At Alipore thermometers for air temperature, the maximum air temperature and the temperature of evaporation taken away for reverification on the 1st November 1886, were restored on the 8th February to replace those tempo arily in use At Allahabad a new verified thermometer for grass radiation was brought into use on the 2nd February to replace the one previously in use.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·863 | 29·965 | 29·854 | 29·911 | 29·889 | 56·0 | 67·0 | 71·7 | 55·4 | 63·5 | 73·1 | 55·3 | 17·8 | 10·2 | 130·6 | 57·5 | 43·3 | 12·0 | NE by E | NNE | NNW | NNW | 117 |
| 2 | ·906 | ·971 | ·875 | ·966 | ·917 | 50·0 | 63·5 | 71·2 | 53·7 | 59·7 | 71·6 | 49·6 | 22·0 | 10·2 | 129·6 | 58·0 | 37·7 | 11·9 | N | N | WNW | W | 87 |
| 3 | ·950 | 30·026 | ·904 | ·958 | ·952 | 49·9 | 65·5 | 73·5 | 55·0 | 60·6 | 74·2 | 48·8 | 25·4 | 10·7 | 132·0 | 57·8 | 37·2 | 11·6 | SSW | N | WNW | WSW | 66 |
| 4 | ·933 | 29·993 | ·854 | ·900 | ·913 | 51·1 | 69·5 | 76·3 | 64·6 | 64·4 | 78·6 | 50·6 | 28·0 | 10·1 | 134·9 | 56·3 | 41·1 | 9·5 | SSE | SE | SSW | SSE | 105 |
| 5 | ·861 | ·941 | ·837 | ·883 | ·854 | 63·5 | 71·5 | 81·0 | 64·3 | 69·5 | 81·1 | 61·3 | 19·8 | 9·1 | 136·7 | 55·6 | 54·7 | 6·6 | SW | WSW | W | S by W | 140 |
| 6 | ·838 | ·940 | ·831 | ·896 | ·871 | 63·0 | 71·8 | 79·7 | 70·8 | 71·1 | 81·6 | 61·5 | 20·1 | 9·1 | 136·3 | 54·7 | 54·1 | 7·4 | E | ESE | SSE | SW by S | 68 |
| 7 | ·852 | ·922 | ·821 | ·903 | ·867 | 70·5 | 72·5 | 81·9 | 64·9 | 72·9 | 82·3 | 68·7 | 13·6 | 8·5 | 139·9 | 57·6 | 60·9 | 7·8 | SW | W | WNW | SSW | 94 |
| 8 | ·916 | 30·012 | ·920 | ·989 | ·954 | 60·3 | 71·5 | 76·4 | 61·4 | 68·0 | 77·9 | 59·1 | 18·8 | 9·9 | 132·8 | 54·9 | 47·4 | 11·7 | NNE | E by N | N | ESE | 85 |
| 9 | ·987 | ·094 | ·999 | 30·077 | 30·033 | 59·3 | 66·4 | 71·8 | 59·4 | 64·5 | 72·7 | 57·3 | 15·4 | 7·5 | 128·5 | 55·8 | 47·9 | 9·4 | NE by N | NNE | NNE | N | 126 |
| 10 | 30·099 | ·193 | 30·078 | ·153 | ·124 | 54·4 | 65·4 | 71·1 | 54·4 | 61·9 | 72·5 | 52·7 | 19·8 | 10·3 | 131·0 | 58·5 | 39·9 | 12·8 | N | NNW | NNW | NNW | 125 |
| 11 | ·166 | ·240 | ·060 | ·110 | ·138 | 49·4 | 64·4 | 72·3 | 54·6 | 60·4 | 72·8 | 47·7 | 25·1 | 10·2 | 130·7 | 57·9 | 35·4 | 12·3 | NE by N | NNE | WNW | W by S | 80 |
| 12 | ·113 | ·178 | ·026 | ·092 | ·103 | 48·5 | 66·4 | 75·9 | 57·4 | 61·5 | 76·5 | 47·6 | 28·9 | 10·8 | 133·5 | 57·0 | 37·4 | 10·2 | W | WNW | W | WSW | 125 |
| 13 | ·069 | ·131 | 29·977 | ·063 | ·056 | 52·5 | 69·6 | 81·0 | 65·6 | 65·5 | 81·5 | 51·8 | 29·7 | 10·7 | 136·3 | 54·8 | 41·1 | 10·7 | WSW | SW by W | WNW | SW by W | 77 |
| 14 | ·080 | ·174 | 30·045 | ·111 | ·096 | 57·2 | 73·8 | 80·8 | 60·6 | 67·8 | 81·7 | 56·3 | 25·4 | 10·7 | 138·5 | 56·8 | 45·5 | 10·8 | WNW | NNW | N by W | NW | 91 |
| 15 | ·125 | ·175 | ·024 | ·106 | ·102 | 54·5 | 73·5 | 82·3 | 62·2 | 67·4 | 83·0 | 53·3 | 29·7 | 10·9 | 137·6 | 54·6 | 42·4 | 10·9 | NNW | NW | NNW | NW | 77 |
| 16 | ·105 | ·174 | ·040 | ·081 | ·101 | 56·8 | 75·3 | 83·4 | 62·6 | 69·3 | 84·4 | 56·3 | 28·1 | 10·4 | 139·6 | 55·2 | 45·4 | 10·9 | WSW | WNW | NW | NNW | 97 |
| 17 | ·079 | ·139 | 29·983 | ·074 | ·070 | 55·4 | 73·2 | 82·2 | 60·2 | 67·9 | 82·6 | 55·0 | 27·6 | 10·5 | 139·4 | 56·8 | 42·5 | 12·5 | W by S | NW | NW | NW by N | 101 |
| 18 | 050 | ·120 | ·974 | ·042 | ·049 | 53·9 | 72·5 | 81·0 | 60·9 | 66·3 | 81·4 | 53·3 | 28·1 | 10·0 | 138·9 | 57·5 | 39·9 | 13·4 | NW by W | NNW | W | W | 76 |
| 19 | ·043 | ·115 | ·976 | ·050 | ·040 | 53·3 | 72·3 | 80·3 | 59·6 | 66·5 | 81·0 | 52·3 | 28·7 | 11·0 | 138·9 | 57·9 | 40·4 | 11·9 | NE by N | NNE | NNW | NNW | 81 |
| 20 | ·020 | ·080 | ·905 | ·060 | ·003 | 53·7 | 73·3 | 82·3 | 61·4 | 67·0 | 83·1 | 52·8 | 30·3 | 10·6 | 140·6 | 57·5 | 41·4 | 11·4 | NE by N | N | W | WNW | 67 |
| 21 | 29·960 | ·030 | ·878 | ·035 | 29·954 | 56·9 | 74·5 | 84·3 | 65·2 | 69·1 | 84·5 | 56·3 | 28·2 | 10·0 | 146·4 | 61·9 | 44·9 | 11·4 | WSW | WSW | W | WSW | 70 |
| 22 | ·908 | 29·974 | ·824 | 29·872 | ·898 | 58·9 | 77·3 | 86·5 | 68·9 | 71·6 | 87·4 | 58·3 | 29·1 | 8·9 | 143·7 | 56·3 | 47·5 | 10·8 | WSW | WSW | WNW | SSW | 89 |
| 23 | ·851 | ·931 | ·814 | 883 | ·860 | 63·2 | 76·1 | 86·3 | 66·4 | 73·3 | 86·8 | 62·7 | 24·1 | 10·1 | 141·9 | 55·1 | 51·4 | 11·3 | SW | NNE | W by N | SW | 100 |
| 24 | ·874 | ·919 | ·792 | ·834 | ·854 | 66·7 | 76·3 | 84·5 | 70·6 | 73·2 | 84·8 | 61·6 | 23·2 | 9·7 | 137·7 | 52·9 | 51·9 | 9·7 | NNE | ESE | WSW | SW by S | 52 |
| 25 | ·806 | ·884 | ·754 | ·845 | ·817 | 64·2 | 77·3 | 87·2 | 71·6 | 74·6 | 87·4 | 63·2 | 24·2 | 10·4 | 144·8 | 57·4 | 54·9 | 8·3 | SW | SW by W | W by S | SSW | 73 |
| 26 | ·813 | ·880 | ·755 | ·839 | ·816 | 69·1 | 75·5 | 86·3 | 74·2 | 76·1 | 87·0 | 67·3 | 19·7 | 9·0 | 141·5 | 54·5 | 58·9 | 8·4 | SE by E | SW by W | WNW | N | 104 |
| 27 | ·818 | ·874 | ·736 | ·797 | ·796 | 70·7 | 78·6 | 85·7 | 71·6 | 76·6 | 86·2 | 69·6 | 16·6 | 9·7 | 145·5 | 59·3 | 61·1 | 8·5 | S by E | SSW | WSW | S by W | 84 |
| 28 | ·759 | ·789 | ·652 | ·728 | ·720 | 71·3 | 81·3 | 84·3 | 76·8 | 77·6 | 86·5 | 68·2 | 18·3 | 9·7 | 141·6 | 55·1 | 59·9 | 8·3 | S by W | S | SSW | SSE | 164 |
| Mean. | 29·959 | 30·031 | 29·900 | 29·974 | 29·959 | 58·4 | 72·0 | 80·0 | 63·4 | 68·1 | 80·9 | 57·1 | 23·8 | Total 278·9 | 137·5 | 56·6 | 46·6 | 10·4 | ... | ... | ... | ... | 93·6 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | | After 4 P.M. | |
| 1 | 52·0 | 52·9 | 54·6 | 52·0 | 54·3 | 52·0 | ·336 | ·217 | ·203 | ·343 | ·303 | ·347 | 75 | 33 | 27 | 78 | 54 | 79 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 2 | 48·0 | 52·2 | 54·4 | 51·0 | 52·3 | 48·0 | ·310 | ·244 | ·200 | ·339 | ·297 | ·316 | 86 | 41 | 26 | 82 | 61 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 3 | 49·4 | 53·0 | 55·9 | 52·0 | 53·0 | 48·8 | ·347 | ·238 | ·216 | ·350 | ·304 | ·346 | 96 | 38 | 26 | 80 | 61 | 100 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 4 | 50·4 | 61·2 | 65·9 | 60·9 | 59·2 | 50·3 | ·358 | ·432 | ·498 | ·486 | ·444 | ·363 | 95 | 60 | 55 | 80 | 74 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 5 | 63·3 | 63·4 | 63·4 | 60·5 | 63·3 | 60·4 | ·583 | ·478 | ·351 | ·476 | ·505 | ·514 | 100 | 62 | 33 | 78 | 73 | 94 | .. | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 6 | 58·8 | 65·7 | 70·1 | 69·5 | 66·3 | 58·5 | ·444 | ·554 | ·610 | ·706 | ·587 | ·453 | 78 | 71 | 60 | 94 | 77 | 83 | ... | 3 | 0 | 1 | 0 | Ck.Fk. *c.* | K. | *b. c.* | K. | *b, c.* |
| 7 | 69·4 | 69·4 | 64·6 | 60·5 | 68·0 | 68·2 | ·707 | ·680 | ·380 | ·469 | ·623 | ·685 | 95 | 85 | 35 | 76 | 78 | 97 | ... | 10 | 8 | 0 | 0 | Pc.Fk. *o.* | K. Fk. | *b. c.* | | *b.* |
| 8 | 54·9 | 56·6 | 59·6 | 57·1 | 58·9 | 54·9 | ·360 | ·261 | ·286 | ·413 | ·380 | ·380 | 68 | 34 | 31 | 75 | 58 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 9 | 50·9 | 52·3 | 54·3 | 52·8 | 54·5 | 50·8 | ·262 | ·208 | ·192 | ·315 | ·293 | ·286 | 51 | 32 | 24 | 62 | 50 | 61 | ... | 0 | 0 | 2 | 1 | *b.* | K. Ck. | *b. c.* | Ck. | *b. c.* |
| 10 | 47·3 | 50·3 | 53·3 | 49·8 | 51·7 | 47·0 | ·235 | ·168 | ·170 | ·299 | ·251 | ·248 | 55 | 26 | 22 | 71 | 47 | 62 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 11 | 46·8 | 51·3 | 54·8 | 51·2 | 51·6 | 45·9 | ·289 | ·208 | ·199 | ·332 | ·269 | ·284 | 82 | 34 | 25 | 77 | 54 | 85 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 12 | 47·3 | 53·3 | 56·8 | 53·6 | 53·2 | 47·3 | ·314 | ·237 | ·211 | ·360 | ·300 | ·325 | 93 | 36 | 24 | 76 | 59 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 13 | 51·8 | 59·5 | 61·3 | 59·1 | 57·4 | 51·5 | ·377 | ·377 | ·281 | ·417 | ·370 | ·379 | 95 | 53 | 27 | 66 | 63 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 14 | 56·2 | 61·0 | 60·0 | 55·6 | 58·7 | 56·0 | ·440 | ·365 | ·240 | ·378 | ·376 | ·447 | 94 | 43 | 23 | 71 | 60 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 15 | 52·1 | 57·3 | 61·8 | 57·5 | 58·3 | 52·0 | ·358 | ·259 | ·280 | ·413 | ·370 | ·373 | 84 | 31 | 26 | 74 | 59 | 91 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 16 | 55·8 | 61·8 | 61·5 | 58·0 | 59·8 | 55·6 | ·434 | ·373 | ·255 | ·424 | ·390 | ·435 | 94 | 43 | 23 | 75 | 59 | 96 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 17 | 54·3 | 57·3 | 59·2 | 53·3 | 57·2 | 54·0 | ·411 | ·259 | ·199 | ·316 | ·328 | ·406 | 94 | 31 | 18 | 60 | 54 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 18 | 50·9 | 54·7 | 58·8 | 54·5 | 56·3 | 50·8 | ·335 | ·191 | ·205 | ·341 | ·324 | ·339 | 80 | 24 | 20 | 63 | 55 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 19 | 50·4 | 57·3 | 58·6 | 54·7 | 56·0 | 49·8 | ·328 | ·272 | ·205 | ·364 | ·313 | ·326 | 80 | 34 | 21 | 71 | 52 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 20 | 52·5 | 60·3 | 59·7 | 57·3 | 57·5 | 52·0 | ·384 | ·352 | ·215 | ·419 | ·352 | ·376 | 94 | 43 | 20 | 77 | 58 | 93 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | | *b.* |
| 21 | 54·1 | 60·3 | 63·3 | 60·1 | 59·8 | 54·0 | ·381 | ·338 | ·303 | ·455 | ·395 | ·389 | 81 | 40 | 26 | 73 | 59 | 85 | ... | 5 | 0 | 1 | 0 | C. Cs. | C. | *b. c.* | C. | *b.c.* |
| 22 | 58·5 | 62·3 | 65·3 | 64·4 | 62·7 | 57·3 | ·486 | ·363 | ·344 | ·546 | ·454 | ·458 | 97 | 38 | 27 | 77 | 63 | 94 | ... | 0 | 3 | 7 | 1 | *b.* | C. Cs. | *c.* | C. Cs. | *c.* |
| 23 | 62·3 | 63·1 | 64·1 | 62·1 | 64·5 | 61·6 | ·550 | ·405 | ·305 | ·503 | ·490 | ·536 | 94 | 45 | 24 | 77 | 64 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | | *b.* | C. | *b. c.* |
| 24 | 66·1 | 71·2 | 71·0 | 66·5 | 68·4 | 60·9 | ·636 | ·698 | ·579 | ·599 | ·637 | ·526 | 97 | 77 | 49 | 80 | 79 | 96 | ... | 0 | 1 | 0 | 0 | *b.* | K. | *b. c.* | | *b.* |
| 25 | 63·3 | 69·2 | 64·9 | 68·3 | 66·8 | 62·9 | ·570 | ·608 | ·319 | ·650 | ·556 | ·572 | 95 | 65 | 24 | 84 | 69 | 98 | ... | 1 | 1 | 0 | 0 | Cs. *c.* | Cs. | *b. c.* | | *b.* |
| 26 | 68·9 | 71·2 | 67·0 | 64·5 | 68·8 | 63·3 | ·708 | ·708 | ·405 | ·479 | ·611 | ·530 | 100 | 80 | 32 | 57 | 71 | 79 | ... | 0 | 0 | 0 | 0 | Fk. *b. c.* | | *b.* | | *b.* |
| 27 | 69·2 | 71·0 | 67·4 | 66·1 | 69·2 | 66·8 | ·695 | ·659 | ·428 | ·569 | ·616 | ·618 | 92 | 68 | 34 | 73 | 70 | 85 | ... | 9 | 0 | 0 | 0 | Pc.Fk. *c.* | K. | *b. c.* | | *b.* |
| 28 | 70·6 | 72·2 | 73·2 | 73·2 | 72·3 | 65·9 | ·741 | ·669 | ·671 | ·772 | ·728 | ·609 | 97 | 62 | 57 | 84 | 78 | 88 | ... | 5 | 0 | 1 | 10 | Pk.Fk. *c.* | Cs. | *b. c.* | Pk. | *b. o.* |
| Mean | 56·3 | 60·4 | 61·6 | 58·8 | 60·0 | 55·2 | ·442 | ·386 | ·313 | ·448 | ·424 | ·424 | 87 | 47 | 30 | 75 | 63 | 88 | ... | 1·18 | 0·46 | 0·43 | 0·43 | ... | ... | | ... | |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·582 | 29·666 | 29·575 | 29·641 | 29·609 | 46·0 | 60·0 | 69·1 | 50·1 | 55·7 | 69·9 | 43·0 | 26·9 | 10·5 | 131·9 | 62·0 | Instrument broken. | | W | W | WNW | Calm | 128·4 |
| 2 | ·609 | ·677 | ·573 | ·642 | ·618 | 42·5 | 62·0 | 71·4 | 51·4 | 56·2 | 72·0 | 39·7 | 32·3 | 10·7 | 135·1 | 63·1 | 27·8 | 11·9 | NW | W | WNW | Calm | 88·9 |
| 3 | ·639 | ·691 | ·529 | ·561 | ·598 | 45·2 | 66·2 | 78·2 | 61·2 | 62·1 | 78·8 | 42·7 | 36·1 | 10·7 | 136·6 | 57·8 | 30·5 | 12·2 | SW | SSE | SE | E | 46·0 |
| 4 | ·535 | ·617 | ·545 | ·587 | ·564 | 51·1 | 62·0 | 77·9 | 59·5 | 62·0 | 78·2 | 48·6 | 29·6 | 10·6 | 138·6 | 60·4 | 37·5 | 11·1 | E | WNW | NNW | NNE | 72·5 |
| 5 | ·562 | ·648 | ·548 | ·601 | ·583 | 51·1 | 66·9 | 77·2 | 55·1 | 62·0 | 77·3 | 49·1 | 28·2 | 10·4 | 137·5 | 60·2 | 39·5 | 9·6 | WNW | S | WNW | Calm | 56·0 |
| 6 | ·556 | ·666 | ·552 | ·612 | ·589 | 46·1 | 67·1 | 76·6 | 56·1 | 60·9 | 77·7 | 43·7 | 34·0 | 10·2 | 137·5 | 59·8 | 32·5 | 11·2 | E | Calm | S | SW | 29·4 |
| 7 | ·609 | ·695 | ·593 | ·657 | ·631 | 47·0 | 60·2 | 73·2 | 55·1 | 58·3 | 73·7 | 44·6 | 29·1 | 10·0 | 134·0 | 60·3 | 34·0 | 10·6 | W | WNW | WNW | NW | 85·1 |
| 8 | ·653 | ·758 | ·675 | ·762 | ·705 | 44·2 | 61·5 | 70·3 | 55·4 | 57·2 | 70·4 | 41·6 | 28·8 | 10·0 | 134·1 | 63·7 | 29·7 | 11·9 | Calm | Calm | NW | NNW | 43·2 |
| 9 | ·763 | ·858 | ·759 | ·823 | ·794 | 40·9 | 59·0 | 67·6 | 47·9 | 53·2 | 69·0 | 39·1 | 29·9 | 10·3 | 132·6 | 63·6 | 26·6 | 12·5 | NNW | WNW | WNW | WNW | 114·0 |
| 10 | ·833 | ·908 | ·791 | ·854 | ·839 | 44·2 | 61·1 | 70·1 | 50·1 | 55·8 | 70·9 | 39·6 | 31·3 | 10·6 | 133·7 | 62·8 | 28·2 | 11·4 | WSW | WNW | WNW | Calm | 107·5 |
| 11 | ·864 | ·921 | ·774 | ·821 | ·838 | 43·0 | 63·9 | 74·0 | 54·1 | 58·2 | 74·0 | 39·6 | 34·4 | 10·6 | 134·9 | 60·9 | 26·2 | 13·4 | S | SW | WNW | W | 47·2 |
| 12 | ·811 | ·867 | ·738 | ·795 | ·796 | 46·4 | 68·5 | 78·2 | 63·9 | 63·6 | 78·7 | 44·7 | 34·0 | 10·8 | 137·0 | 58·3 | 31·9 | 12·8 | W | W | W | W | 97·3 |
| 13 | ·778 | ·866 | ·719 | ·781 | ·779 | 54·1 | 68·9 | 80·2 | 61·0 | 65·4 | 80·4 | 51·9 | 28·5 | 10·6 | 139·0 | 58·6 | Out of order. | | W | WNW | WNW | W | 143·6 |
| 14 | ·811 | ·911 | ·782 | ·859 | ·834 | 53·1 | 68·6 | 80·7 | 64·9 | 66·2 | 80·8 | 51·4 | 29·4 | 10·5 | 138·8 | 58·0 | 39·5 | 11·9 | W | W | WNW | W | 129·5 |
| 15 | ·859 | ·918 | ·771 | ·835 | ·839 | 52·3 | 68·6 | 81·7 | 64·4 | 66·2 | 81·9 | 49·7 | 32·2 | 10·4 | 137·3 | 55·4 | 41·7 | 8·0 | WNW | W | W | WNW | 153·8 |
| 16 | ·851 | ·915 | ·791 | ·844 | ·843 | 55·6 | 69·4 | 80·8 | 64·0 | 66·8 | 81·7 | 53·6 | 28·1 | 10·3 | 141·0 | 59·3 | 43·2 | 10·4 | WSW | W | WNW | WNW | 171·6 |
| 17 | ·800 | ·851 | ·718 | ·790 | ·783 | 53·1 | 68·6 | 80·0 | 62·0 | 65·3 | 80·8 | 51·2 | 29·6 | 10·6 | 139·1 | 58·3 | 41·3 | 9·9 | WSW | W | W | WSW | 222·3 |
| 18 | ·761 | ·842 | ·707 | ·742 | ·756 | 53·0 | 68·9 | 80·4 | 60·2 | 65·0 | 80·8 | 48·8 | 32·0 | 10·5 | 141·6 | 60·8 | Out of order | | W | W | W | WSW | 152·9 |
| 19 | ·737 | ·822 | ·704 | ·765 | ·750 | 47·1 | 72·1 | 81·7 | 59·5 | 64·5 | 81·7 | 45·8 | 35·9 | 11·6 | 143·9 | 62·2 | ,, | ,, | WSW | NW | W | Calm | 64·8 |
| 20 | ·742 | ·798 | ·642 | ·691 | ·711 | 49·1 | 72·1 | 81·7 | 62·0 | 65·6 | 83·4 | 48·0 | 35·4 | 9·8 | 149·0 | 65·6 | 32·6 | 15·4 | Calm | Calm | NNW | Calm | 32·0 |
| 21 | ·671 | ·744 | ·604 | ·633 | ·656 | 53·1 | 76·0 | 86·0 | 63·8 | 69·1 | 86·2 | 51·4 | 34·8 | 11·1 | 146·1 | 59·9 | 39·5 | 11·9 | Calm | Calm | NW | WSW | 34·7 |
| 22 | ·628 | ·702 | ·540 | ·591 | ·608 | 57·7 | 73·0 | 84·5 | 63·8 | 69·2 | 85·0 | 53·2 | 31·8 | 11·1 | 142·8 | 57·8 | 42·0 | 11·2 | NW | WNW | WNW | WNW | 109·2 |
| 23 | ·575 | ·646 | ·525 | ·562 | ·570 | 59·0 | 73·3 | 83·9 | 64·0 | 69·4 | 84·3 | 54·6 | 29·7 | 11·1 | 143·1 | 58·8 | 41·9 | 12·7 | WSW | W | WNW | Calm | 127·0 |
| 24 | ·568 | ·630 | ·514 | ·533 | ·554 | 54·0 | 77·3 | 85·4 | 65·1 | 69·8 | 86·4 | 52·0 | 34·4 | 10·5 | 149·1 | 62·7 | 38·7 | 13·3 | SW | WSW | WNW | W | 64·6 |
| 25 | ·492 | ·557 | ·423 | ·544 | ·497 | 58·0 | 77·7 | 88·1 | 69·8 | 72·8 | 89·1 | 55·1 | 34·0 | 11·4 | 146·0 | 56·9 | 42·8 | 12·3 | W | W | WNW | NW | 120·1 |
| 26 | ·543 | ·625 | ·482 | ·544 | ·541 | 58·0 | 77·1 | 86·6 | 66·1 | 71·4 | 87·2 | 55·9 | 31·3 | 11·3 | 146·1 | 58·9 | 42·9 | 13·0 | W | NW | WNW | Calm | 96·7 |
| 27 | ·498 | ·546 | ·413 | ·458 | ·472 | 58·0 | 76·9 | 88·3 | 67·6 | 72·1 | 88·3 | 55·6 | 32·7 | 11·4 | 148·8 | 60·5 | 44·7 | 10·9 | WNW | NNW | NNW | Calm | 47·3 |
| 28 | ·415 | ·466 | ·344 | ·407 | ·401 | 58·9 | 79·2 | 89·3 | 70·4 | 73·8 | 89·4 | 57·7 | 31·7 | 11·0 | 146·2 | 56·8 | 47·9 | 9·8 | N | Calm | WNW | N | 35·2 |
| Mean | 29·669 | 29·743 | 29·619 | 29·676 | 29·670 | 50·8 | 68·8 | 79·4 | 60·3 | 64·2 | 79·9 | 48·3 | 31·6 | Total 298·6 | 140·0 | 60·1 | 36·8 | 11·6 | ... | ... | ... | ... | 93·6 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rainfall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 41·3 | 48·6 | 52·3 | 47·0 | 47·3 | 39·9 | ·199 | ·193 | ·172 | ·283 | ·212 | ·207 | 64 | 37 | 24 | 78 | 51 | 74 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 40·2 | 50·2 | 52·1 | 46·3 | 47·2 | 38·2 | ·220 | ·208 | ·135 | ·248 | ·203 | ·212 | 80 | 37 | 17 | 65 | 50 | 87 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 43·2 | 54·0 | 57·6 | 52·2 | 51·8 | 41·7 | ·254 | ·257 | ·203 | ·273 | ·247 | ·252 | 84 | 40 | 22 | 50 | 49 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 47·1 | 53·4 | 60·1 | 54 8 | 53 8 | 45·8 | ·272 | ·296 | ·284 | ·369 | ·305 | ·273 | 72 | 53 | 29 | 72 | 56 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 49·9 | 58·5 | 57·6 | 50·2 | 54 0 | 48·3 | ·345 | ·381 | ·206 | ·300 | ·308 | ·329 | 92 | 59 | 24 | 69 | 61 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 45·1 | 56 1 | 56·2 | 51·1 | 52·1 | 42 8 | ·288 | ·306 | ·183 | ·310 | ·272 | ·265 | 92 | 46 | 20 | 69 | 57 | 93 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 44·2 | 50·4 | 53 0 | 47 1 | 48 7 | 42·4 | ·255 | ·238 | ·136 | ·219 | ·212 | ·243 | 79 | 45 | 17 | 50 | 48 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 41·2 | 48 0 | 51·1 | 45 2 | 46·4 | 39·7 | ·221 | ·158 | ·123 | ·168 | ·168 | ·221 | 76 | 29 | 17 | 38 | 40 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 38·2 | 45·8 | 48·2 | 42·2 | 43·6 | 36·7 | ·196 | ·136 | ·083 | ·195 | ·152 | ·187 | 77 | 27 | 12 | 58 | 44 | 79 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 38·2 | 48·4 | 50·6 | 45·0 | 45·6 | 36·2 | ·154 | ·174 | ·112 | ·234 | ·168 | ·170 | 53 | 32 | 15 | 64 | 41 | 70 | ... | 0 | 0 | 1 | 0 | *b.* | C. Cs. *b.c.* | C. *c.b.* |
| 11 | 40·2 | 50·4 | 53·5 | 47·1 | 47·8 | 38·1 | ·214 | ·189 | ·140 | ·232 | ·194 | ·211 | 77 | 31 | 17 | 55 | 45 | 87 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 43·2 | 52·1 | 57·3 | 53·9 | 51 6 | 41·7 | ·238 | ·174 | ·194 | ·285 | ·223 | ·226 | 75 | 24 | 20 | 48 | 42 | 76 | ... | 0 | 0 | 1 | 0 | *b.* | C. *b.c.* | C. *c.b.* |
| 13 | 48·5 | 55·1 | 59·3 | 53·1 | 54·0 | 47·3 | ·268 | ·252 | ·229 | ·301 | ·262 | ·267 | 64 | 36 | 22 | 55 | 44 | 68 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 47·7 | 53·6 | 58·9 | 53·2 | 53·4 | 46·6 | ·261 | ·214 | ·209 | ·252 | ·234 | ·255 | 65 | 31 | 20 | 41 | 39 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 48·8 | 55·2 | 62·1 | 54·4 | 55·1 | 48·6 | ·300 | ·260 | ·298 | ·292 | ·288 | ·329 | 76 | 37 | 28 | 48 | 47 | 92 | ... | 0 | 1 | 0 | 0 | *b.* | C. *c.b.* | *b.* |
| 16 | 48 8 | 54·1 | 56·6 | 51·1 | 52·6 | 47·0 | ·257 | ·217 | ·139 | ·207 | ·205 | ·237 | 58 | 30 | 14 | 34 | 34 | 57 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 44·6 | 51·5 | 56·7 | 50·6 | 50·8 | 43·5 | ·184 | ·157 | ·152 | ·219 | ·178 | ·183 | 45 | 23 | 15 | 39 | 30 | 48 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 44·5 | 52·1 | 57·1 | 51·1 | 51·2 | 43·4 | ·183 | ·169 | ·159 | ·256 | ·192 | ·211 | 45 | 23 | 15 | 49 | 33 | 61 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 43·8 | 56·5 | 58·3 | 53·0 | 52·9 | 42·5 | ·244 | ·251 | ·178 | ·318 | ·248 | ·230 | 75 | 33 | 16 | 62 | 46 | 75 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 47·3 | 59·6 | 58·9 | 55·6 | 55·4 | 45·9 | ·283 | ·346 | ·197 | ·359 | ·296 | ·283 | 87 | 44 | 18 | 65 | 54 | 87 | ... | 0 | 3 | 7 | 0 | *b.* | C. *c.* | C. *c.b.* |
| 21 | 49·6 | 61·2 | 62·3 | 57·1 | 57·6 | 48·9 | ·310 | ·345 | ·247 | ·379 | ·320 | ·315 | 77 | 38 | 20 | 64 | 50 | 83 | ... | 3 | 6 | 8 | 0 | C. *c.* | C. *c.* | C. *c.b.* |
| 22 | 51·8 | 58 0 | 60·6 | 54·2 | 56·2 | 50·1 | ·309 | ·284 | ·213 | ·295 | ·275 | ·322 | 65 | 35 | 18 | 50 | 42 | 79 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 50·1 | 56·5 | 59·4 | 55·1 | 55·3 | 48·4 | ·246 | ·235 | ·182 | ·318 | ·245 | ·259 | 48 | 29 | 15 | 53 | 36 | 60 | ... | 1 | 5 | 0 | 0 | Cs. *c.* | C. *c.b.* | *b.* |
| 24 | 50·9 | 60·4 | 61 0 | 56·5 | 57·2 | 49·9 | ·333 | ·302 | ·212 | ·344 | ·298 | ·333 | 79 | 31 | 17 | 55 | 46 | 85 | ... | 0 | 1 | 8 | 0 | *b.* | C. Cs. *c.* | C. Cs. *c.b.* |
| 25 | 52·1 | 60·9 | 62·4 | 58·1 | 58·4 | 51·9 | ·313 | ·312 | ·222 | ·330 | ·294 | ·346 | 65 | 32 | 17 | 45 | 40 | 79 | ... | 1 | 0 | 0 | 0 | Cs. *c.* | *b.* | *b.* |
| 26 | 52·8 | 62·1 | 63·2 | 60·1 | 59·6 | 52·1 | ·333 | ·359 | ·268 | ·441 | ·350 | ·340 | 69 | 38 | 20 | 68 | 49 | 76 | ... | 0 | 0 | 1 | 0 | *b.* | C. *b.c.* | C. *c.b.* |
| 27 | 55·1 | 62·1 | 64·1 | 60·7 | 60·5 | 53·8 | ·397 | ·362 | ·276 | ·429 | ·366 | ·392 | 82 | 39 | 21 | 65 | 52 | 89 | ... | 2 | 3 | 2 | 0 | C. *c.* | C. *c.* | C. *c.b.* |
| 28 | 55·3 | 64·1 | 66·9 | 62·6 | 62 2 | 55·1 | ·391 | ·398 | ·360 | ·465 | ·404 | ·401 | 78 | 40 | 26 | 62 | 52 | 83 | ... | 5 | 0 | 1 | 0 | C. *c.* | C. *b.c.* | C. *c.b.* |
| Mean | 46·6 | 55 0 | 57·8 | 52·4 | 52·9 | 45·2 | ·267 | ·256 | ·197 | ·297 | ·254 | ·268 | 71 | 36 | 19 | 56 | 46 | 78 | .. | 0·43 | 0·68 | 1·04 | 0·00 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. Direction. | | | | Wind. Velocity. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·587 | 29·505 | 60·8 | 68·8 | 71·1 | 44·0 | 27·1 | 129·7 | 58·6 | 39·0 | 5·0 | NNW | NNW | NNE | NNE | 138 |
| 2 | ·591 | ·499 | 61·8 | 71·7 | 74·1 | 37·9 | 36·2 | 133·7 | 59·6 | 28·0 | 9·9 | NNE | NNE | NNE | Calm | 82 |
| 3 | ·609 | ·481 | 67·8 | 77·7 | 79·2 | 39·9 | 39·3 | 133·7 | 54·5 | 32·0 | 7·9 | Calm | NNE | WSW | WSW | 40 |
| 4 | ·574 | ·480 | 68·8 | 79·7 | 81·2 | 47·0 | 34·2 | 134·7 | 53·5 | 39·0 | 8·0 | SSW | SW | NE | NNE | 53 |
| 5 | ·579 | ·484 | 67·8 | 74·7 | 79·2 | 47·0 | 32·2 | 136·7 | 57·5 | 36·0 | 11·0 | NW | W | NNE | NNE | 89 |
| 6 | ·596 | ·509 | 66·8 | 76·7 | 79·2 | 42·0 | 37·2 | 136·7 | 57·5 | 33·0 | 9·0 | NNE | NNE | N | NE | 41 |
| 7 | ·631 | ·553 | 62·8 | 69·7 | 77·2 | 44·0 | 33·2 | 132·7 | 55·5 | 35·0 | 9·0 | E | ESE | NW | NNW | 144 |
| 8 | ·697 | ·624 | 61·8 | 67·8 | 70·1 | 37·9 | 32·2 | 131·7 | 61·6 | 28·0 | 9·9 | NNW | NNW | NNW | NNW | 135 |
| 9 | ·767 | ·694 | 60·8 | 66·8 | 68·1 | 36·9 | 31·2 | 128·7 | 60·6 | 26·0 | 10·9 | NNW | NNW | NW | NNW | 140 |
| 10 | ·820 | ·722 | 61·8 | 69·7 | 71·1 | 39·9 | 31·2 | 130·7 | 59·6 | 32·0 | 7·9 | NNW | NW | NW | NW | 120 |
| 11 | ·848 | ·704 | 65·3 | 75·2 | 76·2 | 39·9 | 36·3 | 134·7 | 58·5 | 30·0 | 9·9 | NW | NW | NNE | NNE | 89 |
| 12 | ·792 | ·674 | 72·7 | 79·7 | 81·2 | 53·0 | 28·2 | 137·7 | 56·5 | 38·0 | 15·0 | NNE | NNE | NE | N | 175 |
| 13 | ·779 | ·654 | 73·7 | 78·7 | 81·2 | 56·0 | 25·2 | 140·7 | 59·5 | 51·0 | 5·0 | NE | NE | NW | NNW | 233 |
| 14 | ·808 | ·708 | 70·7 | 80·7 | 83·2 | 52·0 | 31·2 | 139·7 | 56·5 | 48·0 | 4·0 | NNW | N | N | NNW | 180 |
| 15 | ·834 | ·700 | 70·7 | 81·9 | 84·2 | 55·0 | 29·2 | 138·7 | 54·5 | 49·0 | 6·0 | NW | N | NW | WNW | 209 |
| 16 | ·816 | ·727 | 69·7 | 80·7 | 82·2 | 55·0 | 27·2 | 137·7 | 55·5 | 50·0 | 5·0 | WNW | NW | WNW | WNW | 231 |
| 17 | ·754 | ·648 | 71·7 | 79·7 | 81·2 | 55·0 | 26·2 | 137·7 | 56·5 | 52·0 | 3·0 | NW | NW | NNW | NW | 280 |
| 18 | ·740 | ·644 | 69·3 | 80·7 | 83·2 | 51·5 | 31·7 | 139·7 | 56·5 | 42·0 | 9·5 | NNW | NNW | NNW | NNW | 159 |
| 19 | ·756 | ·646 | 69·7 | 81·7 | 83·2 | 43·0 | 40·2 | 142·7 | 59·5 | 31·0 | 12·0 | NNW | NNW | NNW | NNW | 55 |
| 20 | ·732 | ·582 | 71·7 | 80·7 | 82·2 | 46·0 | 36·2 | 133·7 | 51·5 | 37·0 | 9·0 | Calm | NNW | NNE | NNE | 38 |
| 21 | ·683 | ·544 | 76·7 | 87·6 | 89·3 | 49·0 | 40 3 | 147·7 | 58·4 | 40·0 | 9·0 | NNE | NNE | NW | NW | 71 |
| 22 | ·627 | ·490 | 71·7 | 80·7 | 82·9 | 56·0 | 26·9 | 142·7 | 59·8 | 46·0 | 10·0 | NW | NNW | NW | WNW | 197 |
| 23 | ·569 | ·480 | 73·7 | 81·7 | 83·2 | 54·0 | 29·2 | 147·7 | 64·5 | 44·0 | 10·0 | WNW | NW | NW | NNW | 151 |
| 24 | ·573 | ·456 | 74·7 | 84·6 | 86·3 | 51·0 | 35·3 | 143·7 | 57·4 | 40·0 | 11·0 | NNW | NNW | WNW | WNW | 113 |
| 25 | ·486 | ·379 | 79·7 | 86·6 | 89·3 | 56·9 | 32·4 | 145·7 | 56·4 | 48·0 | 8·9 | WNW | NW | N | NNE | 169 |
| 26 | ·563 | ·412 | 76·7 | 86·6 | 88·3 | 53·0 | 35·3 | 143·7 | 55·4 | 45·0 | 8·0 | N | N | NW | NNW | 79 |
| 27 | ·496 | ·414 | 74·7 | 83·7 | 88·3 | 53·0 | 35·3 | 141·7 | 53·4 | 44·0 | 9·0 | NNW | NNW | N | NNE | 46 |
| 28 | ·424 | ·291 | 79·7 | 87·6 | 90·3 | 56·0 | 34·3 | 146·7 | 56·4 | 48·0 | 8·0 | NE | NE | ENE | ENE | 57 |
| Mean | 29·669 | 29·561 | 69·8 | 78·6 | 80·9 | 48·3 | 32·7 | 138·3 | 57·3 | 39·7 | 8·6 | ... | ... | ... | ... | 125·5 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 50·0 | 52·0 | 39·6 | ·219 | ·167 | ·187 | 40 | 23 | 64 | ... | 0 | 0 | *b.* | *b.* ↗ | *b.* |
| 2 | 47·9 | 53·0 | 35·6 | ·151 | ·156 | ·180 | 27 | 20 | 77 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 55·1 | 58·1 | 38·6 | ·267 | ·225 | ·218 | 40 | 24 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 55·1 | 60·1 | 44·7 | ·254 | ·263 | ·267 | 37 | 26 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 58·1 | 58·1 | 45·7 | ·356 | ·265 | ·292 | 54 | 31 | 89 | ... | 0 | 0 | *b.* | *b.* ↗ | *b.* |
| 6 | 54·0 | 56·1 | 39·6 | ·249 | ·178 | ·213 | 37 | 20 | 79 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 51·0 | 50·0 | 39·6 | ·219 | ·102 | ·187 | 38 | 14 | 64 | ... | 0 | 0 | *b.* | *b.* ↗ | *b.* |
| 8 | 48·9 | 47·9 | 35·6 | ·178 | ·072 | ·180 | 32 | 10 | 77 | ... | 0 | 0 | *b.* | *b.* ↗ | K. ↗ |
| 9 | 45·9 | 47·9 | 33·5 | ·114 | ·085 | ·148 | 21 | 13 | 67 | ... | 0 | 0 | *b.* | *b.* ↗ | *b.* |
| 10 | 47·9 | 50·0 | 35·6 | ·151 | ·102 | ·154 | 27 | 14 | 61 | ... | 0 | 0 | *b.* | *b.* ↗ | Cs. |
| 11 | 51·0 | 53·5 | 36·6 | ·186 | ·124 | ·175 | 29 | 15 | 70 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 54·2 | 59·1 | 41·6 | ·177 | ·229 | ·114 | 22 | 23 | 29 | ... | 7 | 5 | Cs. | Cs. ↗ | K. ↗ |
| 13 | 56·1 | 58·1 | 47·3 | ·218 | ·211 | ·213 | 26 | 22 | 47 | ... | 0 | 0 | *b.* ↗ | *b.* ↗ ∞ | *b.* ↗ |
| 14 | 55·1 | 59·1 | 44·7 | ·229 | ·215 | ·201 | 31 | 21 | 50 | ... | 0 | 0 | *b.* ↗ | *b.* ↗ ∞ | K. |
| 15 | 55·1 | 59·3 | 47·7 | ·229 | ·206 | ·237 | 31 | 19 | 53 | ... | 0 | 0 | *b.* ↗ | *b.* ↗ | *b.* ↗ |
| 16 | 53·0 | 57·1 | 45·7 | ·183 | ·155 | ·186 | 26 | 15 | 42 | ... | 0 | 0 | *b.* ↗ | *b.* ↗ | *b.* |
| 17 | 53·0 | 56·1 | 44·7 | ·156 | ·138 | ·162 | 20 | 14 | 37 | ... | 0 | 0 | *b.* ↗ | *b.* ↗ | K. ↗ |
| 18 | 53·5 | 56·1 | 43·7 | ·202 | ·125 | ·184 | 28 | 12 | 47 | ... | 0 | 0 | *b.* ↗ | *b.* ↗ | K. |
| 19 | 55·1 | 56·1 | 39·6 | ·242 | ·114 | ·200 | 34 | 10 | 72 | ... | 0 | 3 | *b.* | Cs. | Cs. |
| 20 | 58·1 | 59·1 | 43·7 | ·304 | ·215 | ·256 | 40 | 21 | 81 | ... | 4 | 6 | Cs. | Cs. | Cs. |
| 21 | 56·1 | 62·1 | 46·7 | ·178 | ·219 | ·290 | 20 | 17 | 82 | ... | 3 | 0 | *b.* | Cs. | *b.* |
| 22 | 54·0 | 59·1 | 47·7 | ·184 | ·215 | ·224 | 24 | 21 | 48 | ... | 0 | 0 | *b.* | *b.* ↗ | *b.* |
| 23 | 56·1 | 59·1 | 46·7 | ·218 | ·202 | ·224 | 26 | 19 | 52 | ... | 4 | 2 | *b.* | Cs. ↗ | Cs. |
| 24 | 57·1 | 60·1 | 46·7 | ·235 | ·195 | ·264 | 27 | 16 | 69 | ... | 4 | 6 | Cs. | Cs. | *b.* |
| 25 | 60·1 | 63·1 | 50·6 | ·260 | ·265 | ·287 | 26 | 21 | 61 | ... | 0 | 0 | *b.* | *b.* ↗ | *b.* ↗ |
| 26 | 61·1 | 63·1 | 50·6 | ·313 | ·265 | ·339 | 36 | 21 | 83 | ... | 4 | 4 | Cs. | Cs. | Cs. ↗ |
| 27 | 62·1 | 65·0 | 50·6 | ·391 | ·369 | ·339 | 45 | 32 | 83 | ... | 5 | 6 | Cs. | Cs. | Cs. |
| 28 | 66·0 | 68·0 | 53·6 | ·457 | ·424 | ·381 | 46 | 33 | 84 | ... | 4 | 6 | Cs. | Cs. | Cs. |
| Mean . | 54·7 | 57·4 | 43·5 | ·233 | ·196 | ·225 | 32 | 20 | 66 | ... | 1·25 | 1·36 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | Direction. | | | | Velocity. |
| | | | | | | | | | | | | | | | | | | | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·167 | 29·220 | 29·127 | 29·206 | 29·180 | 40·1 | 58·2 | 71·6 | 43·3 | 53·3 | 71·5 | 37·0 | 34·5 | 10·5 | 136·0 | 64·5 | 21·8 | 15·2 | Calm | NW | W | Calm | 75·7 |
| 2 | ·164 | ·200 | ·105 | ·116 | ·146 | 40·8 | 59·2 | 65·7 | 52·2 | 54·5 | 68·0 | 38·2 | 29·8 | 5·9 | 138·0 | 70·0 | 27·3 | 10·9 | Calm | SE | SE | E | 54·3 |
| 3 | ·096 | ·116 | ·006 | ·129 | ·087 | 48·2 | 62·2 | 71·1 | 53·2 | 58·7 | 72·2 | 47·1 | 25·1 | 8·9 | 129·0 | 56·8 | 37·9 | 9·2 | Calm | SE | SW | SW | 104·3 |
| 4 | ·139 | ·227 | ·163 | ·207 | ·184 | 40·8 | 57·2 | 68·1 | 43·3 | 52·4 | 68·0 | 36·2 | 31·8 | 10·3 | 134·0 | 66·0 | 25·6 | 10·6 | Calm | W | W | Calm | 71.2 |
| 5 | ·168 | ·245 | ·169 | ·194 | ·194 | 36·3 | 57·2 | 65·7 | 41·3 | 50·1 | 66·6 | 33·7 | 32·9 | 10·5 | 134·0 | 67·4 | 22·8 | 10·9 | Calm | N | W | Calm | 53·4 |
| 6 | ·162 | ·283 | ·218 | ·282 | ·236 | 33·5 | 56·2 | 65·3 | 41·6 | 49·1 | 65·8 | 30·5 | 35·3 | 10·6 | 133·5 | 67·7 | 18·3 | 12·2 | Calm | SW | NW | Calm | 33·0 |
| 7 | ·269 | ·327 | ·238 | ·251 | ·271 | 34·7 | 55·2 | 65·6 | 42·9 | 49·6 | 66·5 | 32·2 | 34·3 | 10·6 | 132·0 | 65·5 | 18·8 | 13·4 | Calm | W | W | Calm | 50·2 |
| 8 | ·209 | ·338 | ·309 | ·354 | ·303 | 35·8 | 53·7 | 64·0 | 42·3 | 48·9 | 66·0 | 31·5 | 34·5 | 10·5 | 133·0 | 67·0 | 19·1 | 12·4 | W | NW | NW | Calm | 65·8 |
| 9 | ·338 | ·422 | ·369 | ·422 | ·388 | 36·3 | 55·2 | 66·9 | 41·8 | 50·0 | 67·8 | 31·2 | 36·6 | 10·5 | 134·4 | 66·6 | 16·8 | 14·4 | Calm | W | N | Calm | 75·4 |
| 10 | ·389 | ·451 | ·390 | ·450 | ·420 | 34·7 | 59·2 | 67·5 | 59·2 | 55·2 | 69·5 | 34·2 | 35·3 | 7·0 | 142·0 | 72·5 | 19·6 | 14·6 | Calm | W | NW | N | 55·9 |
| 11 | ·434 | ·488 | ·425 | ·443 | ·447 | 44·3 | 64·2 | 65·6 | 53·2 | 56·8 | 68·0 | 41·6 | 26·4 | 2·4 | 124·5 | 56·5 | 32·3 | 9·3 | Calm | SE | W | W | 42·3 |
| 12 | ·403 | ·463 | ·405 | ·458 | ·432 | 46·2 | 62·2 | 70·3 | 49·2 | 57·0 | 71·1 | 46·4 | 24·7 | 8·6 | 139·0 | 67·9 | 30·8 | 15·6 | Calm | W | W | Calm | 35·3 |
| 13 | ·420 | ·500 | ·394 | ·450 | ·441 | 44·1 | 64·2 | 70·6 | 54·7 | 58·4 | 70·3 | 40·6 | 29·7 | 10·3 | 136·0 | 65·7 | 27·8 | 12·8 | Calm | NW | W | Calm | 94·7 |
| 14 | ·443 | ·557 | ·505 | ·550 | ·514 | 51·2 | 59·2 | 67·7 | 52·9 | 57·8 | 70·6 | 47·1 | 23·5 | 3·2 | 140·3 | 69·7 | 37·9 | 9·2 | NW | N | NW | W | 86·9 |
| 15 | ·521 | ·563 | ·468 | ·499 | ·513 | 40·5 | 62·2 | 74·6 | 51·2 | 57·1 | 74·5 | 38·7 | 35·8 | 10·0 | 138·0 | 63·5 | 26·3 | 12·4 | Calm | W | W | Calm | 102·0 |
| 16 | ·469 | ·563 | ·464 | ·519 | ·504 | 44·1 | 65·1 | 77·2 | 57·2 | 60·9 | 77·7 | 38·2 | 39·5 | 10·4 | 140·0 | 62·3 | 25·8 | 12·4 | Calm | NW | N | W | 76·5 |
| 17 | ·463 | ·481 | ·355 | ·400 | ·425 | 49·0 | 67·1 | 78·2 | 56·7 | 62·7 | 78·3 | 45·6 | 32·7 | 10·1 | 142·5 | 64·2 | 30·8 | 14·8 | W | NW | W | Calm | 139·5 |
| 18 | ·349 | ·408 | ·322 | ·353 | ·358 | 45·7 | 66·1 | 78·2 | 49·0 | 59·8 | 79·6 | 42·6 | 37·0 | 9·6 | 144·0 | 64·4 | 27·8 | 14·8 | W | NW | W | Calm | 97·0 |
| 19 | ·326 | ·361 | ·300 | ·247 | ·309 | 45·0 | 69·6 | 78·2 | 61·2 | 63·5 | 80·8 | 41·1 | 39·7 | 6·6 | 144·5 | 63·7 | 30·8 | 10·3 | Calm | W | W | Calm | 47·1 |
| 20 | ·273 | ·335 | ·196 | ·227 | ·258 | 54·7 | 64·2 | 76·6 | 62·2 | 64·4 | 77·8 | 50·5 | 27·3 | 3·1 | 144·0 | 66·2 | 41·9 | 8·6 | E | SE | E | W | 62·0 |
| 21 | ·247 | ·383 | ·280 | ·302 | ·303 | 48·2 | 67·1 | 73·1 | 53·4 | 60·4 | 77·9 | 44·1 | 32·9 | 7·9 | 145·0 | 68·0 | 33·8 | 10·3 | Calm | NW | NW | Calm | 94·6 |
| 22 | ·247 | ·293 | ·195 | ·189 | ·231 | 46·2 | 67·1 | 77·2 | 53·8 | 61·1 | 78·8 | 44·1 | 34·7 | 9·7 | 147·0 | 68·2 | 32·8 | 11·3 | W | NW | N | Calm | 84·4 |
| 23 | ·144 | ·207 | ·127 | ·161 | ·160 | 46·7 | 67·6 | 77·2 | 62·2 | 63·4 | 78·0 | 46·1 | 31·9 | 7·1 | 150·0 | 72·0 | 36·9 | 9·2 | Calm | NW | NE | Calm | 42·2 |
| 24 | ·129 | ·222 | ·158 | ·176 | ·171 | 52·7 | 71·6 | 78·4 | 59·2 | 65·5 | 82·4 | 48·0 | 34·4 | 7·8 | 148·0 | 65·6 | 37·9 | 10·1 | Calm | N | N | Calm | 49·8 |
| 25 | ·144 | ·196 | ·100 | ·166 | ·151 | 55·0 | 72·1 | 85·0 | 63·7 | 68·9 | 84·9 | 50·0 | 34·9 | 9·6 | 147·0 | 62·1 | 40·9 | 9·1 | Calm | NW | W | W | 103·5 |
| 26 | ·130 | ·194 | ·084 | ·111 | ·130 | 54·0 | 74·1 | 85·2 | 60·0 | 68·3 | 85·6 | 52·8 | 32·8 | 4·2 | 143·5 | 57·9 | 40·9 | 11·9 | Calm | NW | NW | Calm | 78·2 |
| 27 | ·084 | ·129 | ·012 | ·035 | ·065 | 51·7 | 76·2 | 85·2 | 66·6 | 69·9 | 87·6 | 50·8 | 36·8 | 8·2 | 149·0 | 61·4 | 42·2 | 8·6 | E | SE | Calm | Calm | 42·2 |
| 28 | 28·988 | ·033 | 28·935 | 28·982 | 28·985 | 60·2 | 74·1 | 82·7 | 67·9 | 71·2 | 83·7 | 56·2 | 27·5 | 2·6 | 146·0 | 62·3 | 47·3 | 8·9 | E | Calm | Calm | E | 28·5 |
| Mean. | 29·261 | 29·329 | 29·244 | 29·281 | 29·279 | 45·0 | 63·8 | 73·3 | 53·4 | 58·9 | 74·6 | 42·0 | 32·6 | Total 226·7 | 139·8 | 65·2 | 30·5 | 11·5 | ... | ... | ... | ... | 69·5 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 35·3 | 45·4 | 51·3 | 39·2 | 42·8 | 32·9 | ·144 | ·137 | ·111 | ·187 | ·145 | ·135 | 56 | 27 | 14 | 67 | 41 | 62 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 2 | 37·2 | 48·3 | 51·3 | 46·3 | 45·8 | 35·7 | ·175 | ·196 | ·190 | ·238 | ·200 | ·178 | 70 | 38 | 29 | 60 | 49 | 77 | ... | 0 | 2 | 8 | 10 | *b.* | Ck. Pc. *o.* | Pc. *o.* |
| 3 | 45·4 | 49·3 | 55·3 | 43·6 | 48·4 | 44·6 | ·268 | ·182 | ·229 | ·159 | ·209 | ·263 | 78 | 32 | 30 | 40 | 45 | 81 | ... | 6 | 7 | 0 | 0 | Pc. *c.* | Pk. *c.* ∞ ☂ | ∞ |
| 4 | 37·4 | 49·3 | 51·0 | 39·2 | 44·2 | 34·9 | ·180 | ·248 | ·150 | ·188 | ·192 | ·186 | 70 | 52 | 22 | 67 | 53 | 87 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 34·6 | 48·3 | 48·3 | 37·2 | 42·1 | 33·1 | ·179 | ·222 | ·110 | ·196 | ·177 | ·182 | 83 | 46 | 17 | 66 | 53 | 93 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 6 | 31·3 | 44·4 | 47·1 | 36·4 | 39·8 | 29·4 | ·149 | ·139 | ·086 | ·148 | ·130 | ·150 | 77 | 30 | 14 | 57 | 45 | 87 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 31·9 | 43·9 | 46·8 | 36·4 | 39·7 | 30·1 | ·145 | ·140 | ·074 | ·131 | ·123 | ·143 | 71 | 32 | 12 | 47 | 41 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 31·3 | 42·9 | 46·3 | 38·4 | 39·7 | 29·6 | ·122 | ·135 | ·083 | ·183 | ·131 | ·140 | 58 | 32 | 14 | 66 | 43 | 78 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* ☂ | *b.* |
| 9 | 31·8 | 42·4 | 46·3 | 36·4 | 39·2 | 29·1 | ·121 | ·105 | ·044 | ·145 | ·104 | ·136 | 57 | 24 | 7 | 54 | 35 | 77 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* ☂ | *b.* |
| 10 | 31·3 | 46·3 | 48·1 | 49·3 | 43·8 | 30·7 | ·135 | ·146 | ·082 | ·220 | ·146 | ·131 | 65 | 28 | 12 | 43 | 37 | 65 | ... | 9 | 6 | 0 | 10 | Pk. *c.* | Pk. *c. b.* | Pc. *g.* ☂ |
| 11 | 42·4 | 49·8 | 50·8 | 47·3 | 47·6 | 39·9 | ·247 | ·169 | ·177 | ·250 | ·211 | ·225 | 84 | 28 | 28 | 61 | 50 | 86 | ... | 2 | 8 | 10 | 10 | Cs. Pc. *c.* | Pc. *o. g.* | Pc. *o.* |
| 12 | 42·4 | 51·3 | 51·5 | 44·4 | 47·4 | 42·1 | ·223 | ·235 | ·134 | ·230 | ·206 | ·213 | 70 | 41 | 17 | 64 | 48 | 67 | ... | 0 | 7 | 4 | 0 | ∞ | Pk. Ck. *c.* | *b.* |
| 13 | 41·4 | 51·3 | 52·3 | 46·3 | 47·8 | 39·1 | ·227 | ·209 | ·151 | ·205 | ·198 | ·220 | 78 | 34 | 20 | 46 | 44 | 87 | | 0 | 0 | 3 | 0 | *b.* | Cs. *c.* | *b.* |
| 14 | 44·4 | 47·8 | 51·3 | 43·4 | 46·7 | 42·1 | ·204 | ·183 | ·162 | ·158 | ·177 | ·204 | 53 | 35 | 23 | 39 | 38 | 63 | ... | 10 | 10 | 10 | 0 | Pc. *o.* | Pc. *o. g.* ☂ | *b.* |
| 15 | 36·4 | 49·3 | 54·3 | 43·4 | 45·8 | 35·8 | ·163 | ·182 | ·155 | ·180 | ·170 | ·174 | 65 | 32 | 17 | 47 | 40 | 73 | ... | 3 | 3 | 0 | 0 | Cs. Ck. *c.* | Ck. *b. c.* | *b.* |
| 16 | 37·4 | 49·8 | 55·9 | 45·9 | 47·3 | 35·1 | ·137 | ·157 | ·166 | ·162 | ·156 | ·165 | 47 | 25 | 18 | 34 | 31 | 72 | ... | 0 | 0 | 0 | 0 | *b.* ◑ | *b.* | *b.* |
| 17 | 40·4 | 50·3 | 56·2 | 44·9 | 47·9 | 38·9 | ·140 | ·144 | ·163 | ·145 | ·148 | ·150 | 40 | 21 | 17 | 32 | 28 | 49 | ... | 0 | 0 | 2 | 0 | *b.* ☂ | Cs. *b.* ☂ | *b.* |
| 18 | 37·9 | 51·3 | 57·5 | 44·2 | 47·7 | 36·7 | ·127 | ·184 | ·200 | ·228 | ·185 | ·142 | 41 | 29 | 21 | 64 | 39 | 51 | ... | 0 | 0 | 3 | 0 | *b.* | Cs *c.* | *b.* |
| 19 | 39·7 | 53·3 | 59·2 | 53·0 | 51·3 | 37·9 | ·176 | ·193 | ·252 | ·295 | ·229 | ·187 | 57 | 26 | 26 | 54 | 41 | 72 | ... | 0 | 2 | 10 | 0 | *b.* | Pc. *o.* | *b. c. o.* ☂ |
| 20 | 49·1 | 56·2 | 58·5 | 55·3 | 54·8 | 46·7 | ·276 | 347 | ·252 | ·347 | ·305 | ·270 | 65 | 58 | 27 | 61 | 53 | 73 | ... | 0 | 10 | 6 | 0 | *b.* | Pk. *o.* | *b.* |
| 21 | 47·0 | 57·7 | 59·2 | 49·3 | 53·3 | 43·6 | ·307 | ·353 | ·320 | ·299 | ·320 | ·278 | 91 | 53 | 39 | 73 | 64 | 96 | ... | 0 | 0 | 10 | 0 | *b.* | Pc. *o.* | *b.* |
| 22 | 42·2 | 55·8 | 58·2 | 49·3 | 51·4 | 41·1 | ·218 | ·297 | ·234 | ·293 | ·260 | ·220 | 69 | 45 | 25 | 70 | 52 | 76 | ... | 0 | 3 | 8 | 0 | *b.* | Cs. Pc. *c.* | *b.* |
| 23 | 43·9 | 57·2 | 62·0 | 55·3 | 54·6 | 43·1 | ·252 | ·332 | ·354 | ·347 | ·321 | ·240 | 79 | 48 | 38 | 61 | 57 | 77 | ... | 4 | 5 | 3 | 7 | Cs. Pc. *c.* | Pc. *c.* | Pk. *c.* |
| 24 | 49·5 | 58·7 | 60·4 | 53·3 | 55·5 | 46·4 | ·313 | ·324 | ·287 | ·330 | ·314 | ·296 | 78 | 42 | 29 | 65 | 54 | 89 | ... | 0 | 5 | 10 | 0 | *b.* | Pc. *b. o.* | *b.* |
| 25 | 48·3 | 59·2 | 64·7 | 54·3 | 56·6 | 46·4 | ·252 | ·333 | ·341 | ·299 | ·306 | ·269 | 59 | 42 | 28 | 50 | 45 | 75 | ... | 0 | 0 | 6 | 0 | *b.* | Pc. Cs. *c. b* | *b.* |
| 26 | 48·5 | 59·2 | 64·7 | 54·6 | 56·8 | 47·6 | ·270 | ·306 | ·338 | ·356 | ·318 | ·263 | 64 | 36 | 28 | 68 | 49 | 66 | ... | 0 | 8 | 8 | 0 | *b.* | Pc. Cs. ∞ *c* | *b.* |
| 27 | 49·3 | 52·2 | 68·2 | 58·7 | 59·6 | 48·1 | ·321 | ·374 | ·461 | ·402 | ·390 | ·301 | 83 | 41 | 38 | 60 | 55 | 81 | ... | 5 | 4 | 8 | 0 | Pc. *c.* | Pc. Cs. ∞ | Pc. *c.* ∞ |
| 28 | 56·2 | 62·2 | 66·2 | 61·2 | 61·5 | 54·1 | ·400 | ·402 | ·424 | ·452 | ·419 | ·392 | 76 | 47 | 38 | 67 | 57 | 87 | ... | 0 | 8 | 8 | 3 | *b.* | Pc. *g.* | Cs. *c.* ∞ |
| Mean | 40·9 | 51·5 | 55·1 | 46·8 | 48·5 | 39·1 | ·210 | ·228 | ·205 | ·242 | ·221 | ·209 | 67 | 37 | 23 | 57 | 46 | 76 | ... | 1·39 | 3·14 | 4·18 | 1·43 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of air. | | | | | Temperature of radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·940 | 28·813 | 69·5 | 78·3 | 79·2 | 51·7 | 27·5 | 140·4 | 61·2 | 31·9 | 19·8 | NNE | NE | N | NE | 116 |
| 2 | ·936 | ·819 | 68·0 | 80·2 | 81·1 | 46·2 | 34·9 | 140·7 | 59·6 | 30·4 | 15·8 | N | NNE | NE | E | 105 |
| 3 | ·973 | ·808 | 72·1 | 87·7 | 89·0 | 53·1 | 35·9 | 144·7 | 55·7 | 36·9 | 16·2 | N | N | SW | W | 152 |
| 4 | ·952 | ·779 | 75·1 | 88·2 | 90·2 | 56·2 | 34·0 | 146·7 | 56·5 | 39·0 | 17·2 | NW | NNW | WSW | NNW | 185 |
| 5 | ·951 | ·790 | 71·3 | 84·1 | 84·8 | 53·1 | 31·7 | 142·4 | 57·6 | 33·4 | 19·7 | NNW | NNW | SW | W | 137 |
| 6 | ·935 | ·814 | 70·4 | 85·7 | 86·2 | 52·1 | 34·1 | 143·1 | 56·9 | 35·4 | 16·7 | N | NNW | W | NNW | 174 |
| 7 | ·977 | ·827 | 68·4 | 82·0 | 84·2 | 48·3 | 35·9 | 141·9 | 57·7 | 28·7 | 19·6 | NNW | N | S | NE | 104 |
| 8 | ·961 | ·846 | 73·2 | 82·6 | 84·2 | 50·2 | 34·0 | 142·9 | 58·7 | 29·9 | 20·3 | N | NNW | NW | NNW | 176 |
| 9 | 29·063 | ·939 | 65·9 | 77·2 | 78·0 | 47·7 | 30·3 | 139·1 | 61·1 | 29·7 | 18·0 | NNW | NNE | NNE | NNE | 147 |
| 10 | ·130 | 29·001 | 65·3 | 77·9 | 79·0 | 47·0 | 32·0 | 139·9 | 60·9 | 25·7 | 21·3 | NNE | NE | E | ESE | 123 |
| 11 | ·149 | ·000 | 68·9 | 82·4 | 83·7 | 48·3 | 35·4 | 142·7 | 59·0 | 29·1 | 19·2 | Calm | NNE | NE | E | 103 |
| 12 | ·143 | 28·971 | 74·7 | 86·7 | 87·8 | 53·3 | 34·5 | 145·5 | 57·7 | 34·9 | 18·4 | NNE | NNE | NNW | E | 102 |
| 13 | ·112 | ·950 | 75·2 | 89·1 | 90·3 | 53·4 | 36·9 | 149·4 | 59·1 | 35·3 | 18·1 | NNE | NNE | NNW | NNE | 87 |
| 14 | ·145 | 29·004 | 77·5 | 89·8 | 90·7 | 59·2 | 31·5 | 147·9 | 57·2 | 39·9 | 19·3 | NNE | NNE | E | E | 113 |
| 15 | ·168 | ·015 | 78·2 | 90·2 | 91·6 | 60·2 | 31·4 | 149·0 | 57·4 | 42·9 | 17·3 | N | NE | N | SE | 89 |
| 16 | ·175 | ·001 | 80·0 | 91·2 | 93·2 | 60·7 | 32·5 | 148·9 | 55·7 | 46·1 | 14·6 | NNE | NNE | N | NNE | 147 |
| 17 | ·149 | 28·979 | 78·0 | 87·3 | 88·1 | 60·3 | 27·8 | 145·5 | 57·4 | 41·8 | 18·5 | NNE | NNE | ENE | ENE | 162 |
| 18 | ·100 | ·932 | 78·7 | 88·8 | 90·0 | 60·9 | 29·1 | 147·7 | 57·7 | 44·4 | 16·5 | NNE | NE | N | E | 160 |
| 19 | ·069 | ·916 | 78·2 | 89·3 | 90·2 | 60·2 | 30·0 | 149·4 | 59·2 | 41·9 | 18·3 | NNE | NE | NE | E | 100 |
| 20 | ·066 | ·899 | 78·4 | 91·0 | 91·7 | 58·5 | 33·2 | 156·4 | 64·7 | 41·7 | 16·8 | NNE | NE | NNE | SE | 100 |
| 21 | ·021 | ·852 | 76·8 | 93·0 | 94·7 | 61·8 | 32·9 | 156·1 | 61·4 | 43·9 | 17·9 | N | NNE | NE | SSE | 115 |
| 22 | 28·973 | ·781 | 82·7 | 92·7 | 95·3 | 62·3 | 33·0 | 152·9 | 57·6 | 47·4 | 14·9 | NNE | NNE | S | SW | 106 |
| 23 | ·911 | ·763 | 82·0 | 93·7 | 94·3 | 62·7 | 31·6 | 148·9 | 54·6 | 44·9 | 17·8 | N | NNE | SSW | SSE | 121 |
| 24 | ·912 | ·731 | 83·1 | 94·7 | 96·0 | 62·4 | 33·6 | 151·4 | 55·4 | 46·9 | 15·5 | N | E | W | NNE | 117 |
| 25 | ·873 | ·729 | 82·5 | 95·3 | 96·7 | 63·7 | 33·0 | 153·7 | 57·0 | 48·9 | 14·8 | N | NE | N | NE | 117 |
| 26 | ·927 | ·737 | 86·7 | 97·7 | 98·3 | 62·7 | 35·6 | 156·4 | 58·1 | 48·4 | 14·3 | N | N | WNW | NE | 111 |
| 27 | ·866 | ·681 | 88·2 | 97·6 | 98·2 | 66·1 | 32·1 | 156·7 | 58·5 | 49·4 | 16·7 | N | NNW | NW | NNE | 125 |
| 28 | ·773 | ·605 | 90·2 | 100·2 | 102·0 | 66·8 | 35·2 | 158·1 | 56·1 | 50·4 | 16·4 | WNW | SW | W | NNW | 152 |
| Mean . | 29·012 | 28·856 | 76·4 | 88·4 | 89·6 | 56·8 | 32·8 | 147·8 | 58·2 | 39·3 | 17·5 | ... | ... | ... | ... | 128·9 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A. M. to 4 P.M. | After 4 P.M. |
| 1 | 53·4 | 56·0 | 45·8 | ·213 | ·175 | ·238 | 29 | 17 | 61 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 51·1 | 55·7 | 39·5 | ·166 | ·139 | ·161 | 24 | 14 | 51 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 54·9 | 60·9 | 43·9 | ·221 | ·205 | ·175 | 27 | 15 | 43 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 58·4 | 62·0 | 47·9 | ·285 | ·229 | ·234 | 32 | 17 | 52 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 52·0 | 55·7 | 44·7 | ·152 | ·090 | ·190 | 19 | 8 | 48 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 52·0 | 58·7 | 43·7 | ·161 | ·158 | ·179 | 21 | 13 | 47 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 51·4 | 55·4 | 39·7 | ·173 | ·114 | ·140 | 24 | 10 | 42 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 52·1 | 55·7 | 40·9 | ·130 | ·108 | ·144 | 16 | 10 | 40 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 49·9 | 56·4 | 39·4 | ·165 | ·201 | ·142 | 26 | 21 | 43 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 47·8 | 54·4 | 38·7 | ·119 | ·135 | ·134 | 19 | 13 | 42 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 50·7 | 57·8 | 40·1 | ·144 | ·180 | ·147 | 20 | 16 | 43 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 54·5 | 61·3 | 44·4 | ·176 | ·230 | ·183 | 20 | 17 | 45 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 56·8 | 62·4 | 45·5 | ·237 | ·233 | ·207 | 27 | 17 | 51 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 59·7 | 62·9 | 49·8 | ·290 | ·240 | ·245 | 31 | 17 | 48 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 59·8 | 64·4 | 50·4 | ·289 | ·287 | ·249 | 29 | 20 | 48 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 61·1 | 63·9 | 51·8 | ·302 | ·256 | ·278 | 29 | 17 | 51 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 56·4 | 61·1 | 51·3 | ·192 | ·211 | ·271 | 19 | 17 | 51 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 57·1 | 62·7 | 48·4 | ·200 | ·242 | ·187 | 20 | 18 | 34 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 56·7 | 60·2 | 47·9 | ·192 | ·159 | ·184 | 20 | 12 | 35 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 57·5 | 62·5 | 47·4 | ·214 | ·211 | ·194 | 21 | 14 | 39 | ... | 5 | 3 | C. *c.* | C. *c.* | C. *c.* |
| 21 | 57·4 | 64·4 | 48·9 | ·233 | ·252 | ·188 | 25 | 16 | 34 | ... | 4 | 6 | C. *c.* | C. *c.* | C. *c.* |
| 22 | 60·9 | 63·8 | 50·9 | ·267 | ·236 | ·234 | 23 | 15 | 41 | ... | 3 | 0 | C. *c.* | *b.* | *b.* |
| 23 | 59·9 | 64·9 | 51·8 | ·246 | ·260 | ·254 | 22 | 16 | 44 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 64·9 | 66·4 | 53·4 | ·391 | ·299 | ·300 | 34 | 18 | 52 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 62·5 | 64·4 | 52·2 | ·317 | ·222 | ·247 | 28 | 13 | 42 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 62·7 | 66·7 | 51·8 | ·267 | ·264 | ·254 | 22 | 15 | 44 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 63·2 | 67·4 | 52·8 | ·265 | ·296 | ·240 | 20 | 16 | 37 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 65·1 | 68·9 | 53·4 | ·307 | ·318 | ·244 | 22 | 16 | 36 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| Mean | 56·8 | 61·4 | 47·0 | ·226 | ·214 | ·209 | 24 | 15 | 44 | ... | 0·43 | 0·32 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Max. | Min. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·860 | 29·938 | 29·794 | 29·860 | 29·854 | 65·0 | 71·4 | 76·2 | 70·4 | 72·1 | 79·3 | 63·0 | 16·3 | 10·4 | 139·6 | 60·3 | 52·3 | 10·7 | NNE | NE | NNW | N | 314 |
| 2 | ·843 | ·909 | ·794 | ·895 | ·850 | 65·9 | 73·1 | 78·7 | 72·4 | 73·8 | 82·3 | 63·2 | 19·1 | 10·2 | 140·7 | 58·4 | 51·8 | 11·4 | NNE | ENE | NW | N | 255 |
| 3 | ·912 | ·979 | ·869 | ·953 | ·919 | 68·1 | 75·9 | 79·3 | 72·1 | 75·1 | 82·5 | 65·0 | 17·5 | 10·3 | 140·4 | 57·9 | 54·3 | 10·7 | N | NE | NNW | NNW | 286 |
| 4 | ·950 | 30·042 | ·934 | ·993 | ·974 | 69·4 | 73·5 | 75·1 | 68·8 | 72·5 | 79·6 | 68·2 | 11·4 | 10·2 | 137·1 | 57·5 | 58·1 | 10·1 | N | N | NW | NNW | 340 |
| 5 | ·942 | ·008 | ·887 | ·940 | ·935 | 65·1 | 69·7 | 72·4 | 67·2 | 69·6 | 75·0 | 64·0 | 11·0 | 9·5 | 133·9 | 58·9 | 59·1 | 4·9 | ESE | ENE | NW | N | 310 |
| 6 | ·923 | ·007 | ·874 | ·950 | ·933 | 64·2 | 71·3 | 74·3 | 68·2 | 70·7 | 77·1 | 62·0 | 15·1 | 10·4 | 137·0 | 59·9 | 50·9 | 11·1 | NNE | NE | NNW | N | 401 |
| 7 | ·933 | ·014 | ·895 | ·990 | ·947 | 64·2 | 70·5 | 74·2 | 65·9 | 69·9 | 76·9 | 61·8 | 15·1 | 10·5 | 136·8 | 59·9 | 50·2 | 11·6 | N | N | NNW | N | 451 |
| 8 | ·962 | ·055 | ·921 | ·986 | ·975 | 60·4 | 70·2 | 72·5 | 65·3 | 68·5 | 77·3 | 59·0 | 18·3 | 10·6 | 137·5 | 60·2 | 46·5 | 12·5 | N | N | NNW | N | 443 |
| 9 | ·957 | ·031 | ·911 | ·988 | ·964 | 58·3 | 67·5 | 74·8 | 68·2 | 68·8 | 77·7 | 55·9 | 21·8 | 10·5 | 137·4 | 59·7 | 41·9 | 14·0 | N | N | NNW | NNW | 330 |
| 10 | ·971 | ·056 | ·955 | 30·046 | ·999 | 63·3 | 70·5 | 77·4 | 67·8 | 71·3 | 79·6 | 61·8 | 17·8 | 10·6 | 140·2 | 60·6 | 49·0 | 12·8 | ENE | ENE | W | NNW | 171 |
| 11 | 30·040 | ·089 | ·979 | ·049 | 30·030 | 65·0 | 71·4 | 77·5 | 69·4 | 72·1 | 78·5 | 63·8 | 14·7 | 10·6 | 139·4 | 60·9 | 50·9 | 12·9 | E | ENE | NW | NW | 167 |
| 12 | ·053 | ·115 | ·974 | ·048 | ·036 | 66·0 | 71·3 | 77·9 | 70·0 | 72·4 | 79·3 | 65·1 | 14·2 | 10·3 | 139·5 | 60·2 | 55·7 | 9·4 | NNW | ENE | WNW | N | 194 |
| 13 | ·005 | ·065 | ·919 | ·003 | 29·985 | 66·6 | 73·0 | 78·8 | 71·5 | 74·0 | 81·4 | 64·8 | 16·6 | 10·3 | 139·3 | 57·9 | 54·6 | 10·2 | N | ENE | NNW | N | 216 |
| 14 | 29·986 | ·066 | ·957 | ·081 | 30·014 | 68·4 | 75·5 | 81·9 | 74·8 | 76·3 | 85·6 | 66·5 | 19·1 | 10·2 | 146·4 | 60·8 | 55·6 | 10·9 | NNE | ENE | WNW | NE | 162 |
| 15 | 30·060 | ·121 | ·997 | ·099 | ·059 | 69·8 | 76·3 | 81·8 | 74·3 | 77·3 | 86·3 | 69·0 | 17·3 | 10·3 | 145·4 | 59·1 | 59·3 | 9·7 | N | ESE | WNW | NNE | 168 |
| 16 | ·058 | ·123 | ·984 | ·074 | ·051 | 70·5 | 77·0 | 84·6 | 77·0 | 79·1 | 89·4 | 69·0 | 20·4 | 10·4 | 147·9 | 58·5 | 57·7 | 11·3 | N | ENE | WNW | NNE | 190 |
| 17 | ·020 | ·069 | ·952 | ·033 | ·009 | 71·3 | 78·3 | 84·2 | 77·9 | 79·6 | 90·9 | 70·5 | 20·4 | 10·4 | 149·7 | 58·8 | 59·3 | 11·2 | NE | E | W | NNE | 215 |
| 18 | 29·956 | ·027 | ·892 | 29·981 | 29·957 | 72·4 | 78·0 | 86·0 | 77·0 | 80·2 | 91·3 | 70·8 | 20·5 | 10·2 | 149·0 | 57·7 | 61·8 | 9·0 | ENE | ENE | WNW | NE | 211 |
| 19 | ·936 | ·018 | ·882 | ·979 | ·946 | 72·7 | 78·0 | 83·3 | 76·6 | 79·4 | 88·6 | 71·5 | 17·1 | 10·0 | 146·1 | 57·5 | 62·5 | 9·0 | E | ESE | WNW | NE | 172 |
| 20 | ·933 | ·009 | ·859 | ·935 | ·924 | 72·6 | 77·4 | 80·4 | 76·4 | 78·0 | 86·5 | 72·1 | 14·4 | 5·7 | 145·9 | 59·4 | 61·1 | 11·0 | E | NE | NW | E | 174 |
| 21 | ·930 | 29·989 | 845 | ·921 | ·911 | 73·4 | 79·3 | 81·1 | 75·9 | 78·4 | 83·7 | 72·0 | 11·7 | 7·4 | 147·8 | 64·1 | 61·4 | 10·6 | N | ENE | NNW | N | 240 |
| 22 | ·891 | ·944 | ·795 | ·850 | ·861 | 73·6 | 80·0 | 82·4 | 77·3 | 79·1 | 85·2 | 71·6 | 13·6 | 10·4 | 142·0 | 56·8 | 60·8 | 10·8 | N | NE | NNW | N | 285 |
| 23 | ·826 | ·897 | ·784 | ·857 | ·834 | 72·6 | 77·3 | 79·5 | 74·2 | 76·8 | 81·8 | 72·0 | 9·8 | 2·1 | 137·0 | 55·2 | 62·0 | 10·0 | N | NE | NNW | NNW | 193 |
| 24 | ·840 | ·927 | ·785 | ·863 | ·846 | 70·4 | 76·6 | 81·1 | 74·4 | 76·9 | 84·1 | 69·1 | 15·0 | 9·8 | 142·8 | 58·7 | 58·1 | 11·0 | NNE | E | WNW | N | 162 |
| 25 | ·868 | ·946 | ·826 | ·909 | ·877 | 70·7 | 76·4 | 79·7 | 74·4 | 76·3 | 83·0 | 67·7 | 15·3 | 10·4 | 139·8 | 56·8 | 59·2 | 8·5 | N | NE | WNW | NW | 232 |
| 26 | ·911 | ·981 | ·829 | ·893 | ·894 | 70·6 | 76·1 | 79·4 | 74·1 | 76·1 | 82·6 | 69·0 | 13·6 | 10·4 | 138·8 | 56·2 | 59·7 | 9·3 | N | NW | WNW | N | 248 |
| 27 | 855 | ·887 | ·739 | ·814 | ·814 | 70·5 | 77·4 | 80·0 | 74·4 | 76·5 | 82·0 | 69·7 | 12·3 | 10·7 | 140·5 | 58·5 | 59·0 | 10·7 | ENE | NW | NNW | NNW | 271 |
| 28 | ·787 | ·837 | ·717 | ·812 | ·779 | 71·1 | 78·3 | 80·5 | 74·4 | 77·1 | 83·8 | 69·3 | 14·5 | 10·6 | 141·8 | 58·0 | 60·1 | 9·2 | NNE | NW | WNW | NW | 259 |
| Mean. | 29·936 | 30·005 | 29·877 | 29·957 | 29·935 | 68·3 | 74·7 | 79·1 | 72·5 | 74·9 | 82·5 | 66·7 | 15·9 | Total 273·4 | 141·4 | 58·9 | 56·2 | 10·5 | ... | ... | ... | ... | 252·1 |

*N. B.*— +·02 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 65·5 | 63·7 | 63·8 | 63·5 | 63·0 | 59·8 | ·469 | ·488 | ·427 | ·495 | ·469 | ·471 | 76 | 63 | 47 | 66 | 63 | 82 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* 8 | *b.* |
| 2 | 59·8 | 63·8 | 68·6 | 67·7 | 65·5 | 57·3 | ·433 | ·470 | ·565 | ·616 | ·521 | ·393 | 68 | 57 | 58 | 77 | 65 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 60·3 | 63·6 | 68·2 | 67·3 | 65·8 | 58·6 | ·422 | ·426 | ·543 | ·606 | ·500 | ·408 | 61 | 48 | 54 | 77 | 60 | 66 | ... | 0 | 0 | 0 | 0 | K. Ck. | K. | *b.* |
| 4 | 67·5 | 63·5 | 64·3 | 63·0 | 64·5 | 63·5 | ·649 | ·454 | ·459 | ·501 | ·515 | ·524 | 90 | 55 | 53 | 71 | 67 | 76 | ... | 1 | 0 | 0 | 0 | Ck. C. | K. C. | *b.* |
| 5 | 60·7 | 63·1 | 63·4 | 61·4 | 62·5 | 59·6 | ·473 | ·491 | ·465 | ·469 | ·475 | ·452 | 76 | 68 | 58 | 70 | 68 | 76 | ... | 0 | 5 | 0 | 0 | *b.* | K. Ck. | *b.* |
| 6 | 58·2 | 61·7 | 61·6 | 56·4 | 60·1 | 55·2 | ·407 | ·379 | ·378 | ·300 | ·366 | ·348 | 68 | 56 | 44 | 43 | 53 | 62 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 53·5 | 55·6 | 60·6 | 55·7 | 57·1 | 52·0 | ·269 | ·246 | ·349 | ·309 | ·293 | ·260 | 46 | 33 | 42 | 48 | 42 | 47 | ... | 1 | 0 | 0 | 0 | Ck. C. | C. | *b.* |
| 8 | 49·3 | 53·8 | 59·3 | 56·8 | 55·7 | 48·9 | ·207 | ·198 | ·330 | ·350 | ·271 | ·214 | 39 | 27 | 41 | 56 | 41 | 43 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 46·9 | 53·1 | 64·1 | 62·0 | 57·9 | 46·2 | ·172 | ·215 | ·457 | ·475 | ·330 | ·187 | 35 | 31 | 53 | 69 | 47 | 42 | .. | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 58·5 | 61·5 | 66·5 | 64·0 | 63·1 | 54·1 | ·429 | ·428 | ·505 | ·547 | ·477 | ·319 | 74 | 57 | 54 | 81 | 66 | 58 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 62·0 | 64·7 | 71·0 | 67·0 | 66·7 | 59·8 | ·517 | ·523 | ·673 | ·631 | ·586 | ·462 | 84 | 68 | 71 | 87 | 78 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 65·1 | 67·1 | 69·6 | 66·5 | 67·3 | 63·9 | ·608 | ·612 | ·613 | ·605 | ·610 | ·580 | 95 | 79 | 64 | 83 | 80 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 61·5 | 65·9 | 70·5 | 68·1 | 67·5 | 59·2 | ·480 | ·543 | ·637 | ·642 | ·575 | ·430 | 74 | 67 | 65 | 83 | 72 | 69 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 63·4 | 67·9 | 73·0 | 69·9 | 69·2 | 63·1 | ·518 | ·582 | ·693 | ·666 | ·616 | ·533 | 74 | 66 | 63 | 77 | 71 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 65·4 | 68·5 | 75·2 | 71·1 | 69·6 | 63·9 | ·568 | ·593 | ·786 | ·720 | ·666 | ·528 | 77 | 66 | 73 | 86 | 75 | 75 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 64·6 | 68·2 | 74·6 | 67·3 | 69·0 | 63·8 | ·531 | ·573 | ·723 | ·540 | ·592 | ·524 | 71 | 61 | 61 | 58 | 63 | 74 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 65·9 | 69·9 | 73·2 | 66·5 | 69·4 | 64·9 | ·565 | ·619 | ·670 | ·499 | ·588 | ·542 | 73 | 63 | 57 | 52 | 61 | 73 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 65·5 | 69·2 | 73·7 | 69·1 | 70·1 | 62·8 | ·537 | ·598 | ·667 | ·606 | ·602 | ·466 | 67 | 62 | 54 | 65 | 62 | 62 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 66·8 | 69·1 | 73·1 | 72·6 | 70·4 | 65·4 | ·579 | ·593 | ·678 | ·748 | ·650 | ·546 | 72 | 61 | 59 | 82 | 69 | 71 | ... | 0 | 0 | 0 | 0 | *b.* | C. | *b.* |
| 20 | 67·6 | 70·2 | 72·9 | 71·5 | 70·9 | 66·6 | ·609 | ·643 | ·709 | ·707 | ·667 | ·580 | 76 | 68 | 68 | 77 | 72 | 74 | ... | 5 | 10 | 10 | 4 | Ck. C. | K. Ck. C. *o.* | K. Ck. C. |
| 21 | 67·3 | 70·6 | 71·4 | 68·9 | 70·2 | 66·9 | ·589 | ·633 | ·639 | ·613 | ·618 | ·592 | 72 | 63 | 59 | 69 | 66 | 76 | ... | 8 | 8 | 9 | 2 | K. Ck. C. | K. Ck. C. | K. |
| 22 | 65·8 | 69·5 | 71·9 | 65·5 | 69·1 | 64·3 | ·531 | ·581 | ·642 | ·472 | ·557 | ·507 | 64 | 57 | 58 | 51 | 57 | 65 | ... | 2 | 4 | 1 | 0 | K. C. | K. Ck. C. | *b.* |
| 23 | 69·5 | 71·1 | 72·5 | 71·4 | 71·4 | 65·0 | ·681 | ·679 | ·705 | ·734 | ·700 | ·525 | 86 | 72 | 70 | 87 | 79 | 67 | ... | 9 | 9 | 9 | 0 | K. | K. Ck. | *b.* *q* |
| 24 | 68·4 | 71·3 | 70·6 | 71·5 | 70·3 | 65·0 | ·669 | ·697 | ·609 | ·734 | ·677 | ·564 | 90 | 76 | 58 | 86 | 77 | 80 | ... | 2 | 2 | 0 | 0 | K. C. *q* | K. Ck. C. | *b.* *q* |
| 25 | 68·4 | 70·4 | 71·4 | 70·3 | 70·4 | 64·7 | ·666 | ·664 | ·660 | ·688 | ·669 | ·573 | 89 | 73 | 65 | 81 | 77 | 85 | ... | 0 | 0 | 0 | 0 | C. *q* | *b.* | *b.* |
| 26 | 68·3 | 70·7 | 73·5 | 70·7 | 71·4 | 66·0 | ·664 | ·679 | ·747 | ·706 | ·699 | ·600 | 89 | 75 | 74 | 84 | 81 | 85 | ... | 0 | 0 | 0 | 0 | *b.* *q* | *b.* | *b.* *q* |
| 27 | 67·6 | 70·8 | 73·9 | 71·9 | 71·7 | 66·4 | ·637 | ·666 | ·756 | ·750 | 703 | ·606 | 85 | 71 | 74 | 88 | 79 | 84 | ... | 0 | 0 | 0 | 0 | *b.* *q* | *b.* | *b.* *q* |
| 28 | 68·7 | 73·2 | 73·5 | 71·9 | 72·2 | 66·5 | ·670 | ·750 | ·733 | ·750 | ·726 | ·615 | 88 | 78 | 71 | 88 | 82 | 86 | ... | 0 | 0 | 0 | 0 | *b.* *q* | *b.* | *b.* |
| Mean | 63·1 | 66·1 | 69·5 | 66·8 | 66·9 | 61·2 | ·520 | ·537 | ·601 | ·589 | ·561 | ·477 | 74 | 62 | 60 | 73 | 67 | 7 | ... | 1·00 | 1·36 | 1·04 | 0·21 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·909 | 29·763 | 29·876 | 29·833 | 78·4 | 81·0 | 75·9 | 75·7 | 84·8 | 68·2 | 16·6 | 139·2 | 54·4 | 65·2 | 3·0 | SSE | SE | 34 | 80 | 114 |
| 2 | ·941 | ·819 | ·946 | ·888 | 80·8 | 83·8 | 75·8 | 77·0 | 86·8 | 67·5 | 19·3 | 141·5 | 54·7 | 64·2 | 3·3 | SE by E | S by W | 25 | 77 | 102 |
| 3 | ·991 | ·871 | ·990 | ·938 | 81·3 | 83·5 | 76·8 | 77·3 | 87·2 | 68·3 | 18·9 | 141·0 | 53·8 | 63·2 | 5·1 | ENE | NE | 36 | 111 | 147 |
| 4 | 30·049 | ·901 | ·985 | ·961 | 82·5 | 82·1 | 69·8 | 75·0 | 85·4 | 66·5 | 18·9 | 141·5 | 56·1 | 62·2 | 4·3 | ENE | E | 23 | 33 | 56 |
| 5 | ·008 | ·873 | ·935 | ·924 | 80·8 | 82·6 | 69·8 | 74·5 | 84·2 | 65·5 | 18·7 | 137·0 | 52·8 | 62·1 | 3·4 | ESE | SE by E | 31 | 54 | 85 |
| 6 | 29·994 | ·871 | ·988 | ·937 | 81·2 | 81·2 | 72·9 | 74·6 | 84·4 | 64·0 | 20·4 | 139·6 | 55·2 | 60·9 | 3·1 | SE | SE by E | 34 | 66 | 100 |
| 7 | 30·004 | ·882 | ·982 | ·942 | 80·8 | 82·5 | 68·8 | 74·0 | 87·8 | 64·5 | 23·3 | 143·5 | 55·7 | 61·2 | 3·3 | ESE | E | 26 | 42 | 68 |
| 8 | ·027 | ·906 | 30·001 | ·964 | 80·3 | 82·4 | 71·9 | 73·8 | 86·2 | 61·6 | 24·6 | 144·8 | 58·6 | 60·0 | 1·6 | E by N | E | 24 | 55 | 79 |
| 9 | ·042 | ·925 | ·022 | ·983 | 80·2 | 83·8 | 74·2 | 75·5 | 85·4 | 64·7 | 20·7 | 141·3 | 55·9 | 61·2 | 3·5 | ENE | E | 20 | 68 | 88 |
| 10 | ·106 | ·981 | ·139 | 30·061 | 83·0 | 82·8 | 76·6 | 77·3 | 87·2 | 67·5 | 19·7 | 141·0 | 53·8 | 64·4 | 3·1 | E | ENE | 20 | 72 | 92 |
| 11 | ·155 | 30·033 | ·115 | ·087 | 83·8 | 83·2 | 75·8 | 77·3 | 86·0 | 67·3 | 18·7 | 144·2 | 58·2 | 63·8 | 3·5 | ENE | E by N | 41 | 87 | 128 |
| 12 | ·159 | ·020 | ·112 | ·081 | 83·5 | 83·8 | 75·8 | 77·5 | 86·8 | 67·5 | 19·3 | 142·9 | 56·1 | 64·2 | 3·3 | ENE | ENE | 29 | 90 | 119 |
| 13 | ·123 | ·002 | ·106 | ·063 | 83·0 | 82·8 | 76·3 | 76·9 | 86·2 | 66·4 | 19·8 | 143·1 | 56·9 | 62·6 | 3·8 | NE by E | NE by E | 67 | 116 | 183 |
| 14 | ·169 | ·061 | ·146 | ·113 | 81·8 | 81·8 | 71·6 | 75·4 | 85·5 | 67·0 | 18·5 | 144·2 | 58·7 | 63·6 | 3·4 | NE | NE | 54 | 83 | 137 |
| 15 | ·194 | ·082 | ·155 | ·137 | 81·8 | 82·4 | 70·8 | 75·3 | 87·2 | 66·8 | 20·4 | 139·5 | 52·3 | 62·8 | 4·0 | NE by N | NE by N | 49 | 75 | 124 |
| 16 | ·188 | ·047 | ·113 | ·102 | 84·0 | 83·8 | 70·8 | 75·6 | 87·3 | 64·4 | 22·9 | 141·6 | 54·3 | 60·1 | 4·3 | NNE | NE by N | 45 | 103 | 148 |
| 17 | ·139 | ·011 | ·091 | ·067 | 83·6 | 83·2 | 71·1 | 75·4 | 86·1 | 64·4 | 21·7 | 143·7 | 57·6 | 60·3 | 4·1 | NE by N | NE | 52 | 88 | 140 |
| 18 | ·099 | 29·967 | ·079 | ·034 | 82·4 | 82·9 | 76·8 | 76·8 | 86·6 | 66·0 | 20·6 | 142·0 | 55·4 | 61·6 | 4·4 | NE | NE | 51 | 129 | 180 |
| 19 | ·088 | ·967 | ·069 | ·029 | 83·8 | 83·8 | 75·0 | 77·3 | 86·1 | 67·5 | 18·6 | 142·6 | 56·5 | 65·0 | 2·5 | NE by E | NE by N | 72 | 127 | 199 |
| 20 | ·062 | ·943 | ·003 | 29·991 | 81·8 | 79·8 | 71·8 | 74·6 | 85·4 | 65·9 | 19·5 | 149·0 | 63·6 | 62·6 | 3·3 | NE | NE | 65 | 92 | 157 |
| 21 | ·066 | ·506 | ·009 | ·978 | 78·6 | 79·9 | 67·9 | 72·3 | 85·5 | 63·7 | 21·8 | 153·4 | 67·9 | 58·8 | 4·9 | NE by N | NE by N | 38 | 73 | 111 |
| 22 | ·002 | ·868 | 29·958 | ·929 | 80·0 | 82·8 | 72·1 | 73·3 | 85·9 | 60·6 | 25·3 | 144·8 | 58·9 | 57·0 | 3·6 | NE by N | E by N | 33 | 68 | 101 |
| 23 | 29·980 | ·836 | ·938 | ·903 | 79·7 | 82·8 | 75·0 | 75·0 | 86·3 | 63·2 | 23·1 | 141·1 | 51·8 | 59·0 | 4·2 | NE | E by N | 34 | 94 | 128 |
| 24 | ·972 | ·825 | ·904 | ·885 | 82·3 | 83·0 | 73·8 | 76·3 | 88·3 | 67·0 | 21·3 | 144·2 | 55·9 | 62·4 | 4·6 | ENE | E by S | 26 | 79 | 105 |
| 25 | ·962 | ·809 | 952 | ·893 | 82·4 | 83·8 | 70·0 | 75·4 | 87·2 | 66·2 | 21·0 | 143·5 | 56·3 | 62·1 | 4·1 | SE | SE | 33 | 56 | 89 |
| 26 | ·950 | ·796 | ·891 | ·865 | 83·1 | 83·8 | 72·8 | 75·9 | 92·1 | 65·2 | 26·9 | 147·8 | 55·7 | 62·4 | 2·8 | S by E | SE | 45 | 66 | 111 |
| 27 | ·911 | ·766 | ·855 | ·829 | 85·9 | 86·3 | 75·3 | 78·4 | 91·3 | 66·9 | 24·4 | 146·4 | 55·1 | 65·1 | 1·8 | SSE | SE by S | 44 | 83 | 127 |
| 28 | ·886 | ·737 | ·832 | ·803 | 85·0 | 86·5 | 77·0 | 79·6 | 90·1 | 70·6 | 19·5 | 144·2 | 54·1 | 69·4 | 1·2 | S by E | SE by S | 68 | 99 | 167 |
| Mean | 30·042 | 29·910 | 30·007 | 29·972 | 82·0 | 82·9 | 73·3 | 75·8 | 86·8 | 65·9 | 20·9 | 143·2 | 56·4 | 62·4 | 3·5 | ... | ... | 40·0 | 80·9 | 120·9 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 71·9 | 74·8 | 71·1 | 71·2 | 67·0 | ·696 | ·780 | ·699 | ·705 | ·647 | 71 | 74 | 78 | 79 | 95 | ... | 4 | 2 | C. *b. c.* | C. *b.* |
| 2 | 72·5 | 72·9 | 71·5 | 70·9 | 66·8 | ·689 | ·663 | ·715 | ·676 | ·649 | 66 | 57 | 81 | 73 | 97 | ... | 3 | 2 | K. *b. c.* | C. *b.* |
| 3 | 73·9 | 75·2 | 71·0 | 71·7 | 66·6 | ·728 | ·764 | ·682 | ·703 | ·631 | 69 | 66 | 74 | 75 | 92 | ... | 5 | 4 | K. *c.* | K. *c.* |
| 4 | 71·7 | 72·9 | 68·0 | 69·5 | 65·4 | ·633 | ·686 | ·663 | ·649 | ·613 | 57 | 62 | 91 | 75 | 95 | ... | 4 | 2 | K. *b. c.* | C. *b.* |
| 5 | 72·8 | 73·4 | 67·1 | 69·5 | 64·7 | ·700 | ·700 | ·629 | ·656 | ·602 | 67 | 62 | 86 | 77 | 96 | ... | 2 | 1 | C. *b.* | C. *b.* |
| 6 | 70·1 | 69·1 | 67·7 | 67·7 | 63·7 | ·689 | ·550 | ·610 | ·586 | ·588 | 56 | 52 | 75 | 68 | 98 | ... | 2 | 0·5 | C. *b.* | C. *b.* |
| 7 | 69·8 | 72·9 | 66·6 | 68·3 | 64·0 | ·582 | ·681 | ·625 | ·616 | ·591 | 56 | 61 | 89 | 74 | 97 | ... | 1 | 0·5 | C. *b.* | C. *b.* |
| 8 | 69·3 | 73·9 | 69·9 | 68·6 | 61·1 | ·570 | ·723 | ·666 | ·631 | ·533 | 55 | 65 | 77 | 76 | 97 | ... | 1 | 0 | C. *b.* | C. *b.* |
| 9 | 71·9 | 73·9 | 71·9 | 70·5 | 64·2 | ·672 | ·704 | ·752 | ·681 | ·595 | 65 | 60 | 89 | 77 | 97 | ... | 2 | 0 | C. *b.* | C. *b.* |
| 10 | 75·4 | 75·2 | 72·1 | 72·5 | 67·1 | ·779 | ·773 | ·729 | ·736 | ·659 | 69 | 69 | 79 | 79 | 98 | ... | 2 | 2 | Cs. *b.* | C. *b.* |
| 11 | 75·4 | 74·2 | 71·4 | 71·9 | 66·6 | ·768 | ·726 | ·711 | ·710 | ·645 | 65 | 63 | 79 | 75 | 97 | ... | 5 | 2·5 | K. *c.* | C. *b.* |
| 12 | 75·0 | 75·5 | 71·3 | 72·2 | 66·8 | ·755 | ·772 | ·708 | ·720 | ·649 | 65 | 66 | 79 | 76 | 97 | ... | 3 | 1·5 | K. *b. c.* | C. *b. c.* |
| 13 | 74·9 | 73·9 | 70·3 | 71·2 | 65·7 | ·756 | ·718 | ·662 | ·688 | ·623 | 67 | 63 | 73 | 74 | 97 | ... | 4 | 2·5 | K. *b. c.* | K. *b. c.* |
| 14 | 71·9 | 73·9 | 69·0 | 70·3 | 66·3 | ·650 | ·731 | ·676 | ·675 | ·638 | 60 | 69 | 88 | 77 | 97 | ... | 5 | 2·5 | K. *c.* | K. *b. c.* |
| 15 | 72·7 | 74·8 | 68·9 | 70·7 | 66·1 | ·683 | ·761 | ·682 | ·691 | ·633 | 63 | 69 | 90 | 79 | 96 | ... | 4 | 1 | K. *b. c.* | C. *b.* |
| 16 | 74·0 | 74·8 | 69·1 | 70·3 | 63·0 | ·706 | ·742 | ·690 | ·672 | ·558 | 60 | 62 | 91 | 76 | 92 | ... | 2 | 1 | C. *b.* | C. *b. c.* |
| 17 | 74·8 | 73·9 | 69·7 | 70·6 | 63·7 | ·744 | ·713 | ·709 | ·685 | ·582 | 64 | 62 | 93 | 79 | 96 | ... | 2 | 1 | C. *b.* | C. *b.* |
| 18 | 73·4 | 73·9 | 70·8 | 70·9 | 65·0 | ·703 | ·717 | 674 | ·678 | ·605 | 63 | 63 | 73 | 73 | 95 | ... | 2 | 2 | C. *b.* | K. *b.* |
| 19 | 73·4 | 75·9 | 69·9 | 71·5 | 66·4 | ·689 | ·789 | ·665 | ·696 | ·635 | 59 | 68 | 77 | 74 | 95 | ... | 3 | 1·5 | K. *b. c.* | C. *b. c.* |
| 20 | 71·9 | 68·9 | 66·7 | 68·3 | 65·4 | ·650 | ·575 | ·588 | ·609 | ·621 | 60 | 56 | 76 | 71 | 97 | ... | 2 | 3 | C. *b.* | C. *b. c.* |
| 21 | 70·0 | 69·9 | 66·0 | 67·1 | 62·2 | 620 | ·598 | ·615 | ·594 | ·541 | 63 | 58 | 90 | 75 | 92 | ... | 5 | 2·5 | K. *c.* | C. *b. c.* |
| 22 | 70·0 | 73·9 | 67·9 | 68·1 | 60·2 | ·600 | ·718 | ·628 | ·619 | ·518 | 58 | 63 | 79 | 75 | 97 | ... | 3 | 1·5 | C. *b. c.* | C. *b. c.* |
| 23 | 71·3 | 73·1 | 71·9 | 69·6 | 61·6 | ·655 | ·685 | ·742 | ·652 | ·528 | 64 | 61 | 86 | 75 | 92 | ... | 1 | 0 | C. *b.* | *b.* |
| 24 | 73·9 | 74·6 | 71·1 | 71·4 | 65·4 | ·724 | ·744 | ·727 | ·704 | ·607 | 65 | 65 | 87 | 77 | 92 | ... | 1 | 0·5 | C. *b.* | *b.* |
| 25 | 72·4 | 74·0 | 66·5 | 69·7 | 65·5 | ·662 | ·709 | ·610 | ·648 | ·620 | 60 | 60 | 83 | 74 | 96 | ... | 1 | 0 | C. *b.* | *b.* |
| 26 | 72·9 | 76·8 | 70·9 | 71·4 | 64·6 | ·672 | ·778 | ·730 | ·710 | ·603 | 60 | 72 | 90 | 79 | 97 | ... | 1 | 0 | C. *b.* | *b.* |
| 27 | 72·1 | 73·8 | 73·9 | 71·7 | 66·6 | ·625 | ·667 | ·819 | ·688 | ·650 | 48 | 53 | 93 | 72 | 98 | ... | 1 | 0 | C. *b.* | *b.* |
| 28 | 73·9 | 71·0 | 73·7 | 72·3 | 70·4 | ·689 | ·552 | ·789 | ·696 | ·741 | 58 | 44 | 85 | 69 | 98 | ... | 1 | 0 | C. *b.* | *b.* |
| Mean | 72·6 | 73·6 | 69·9 | 70·3 | 65·1 | ·678 | ·704 | ·686 | ·671 | ·611 | 62 | 62 | 83 | 75 | 96 | ... | 2·57 | 1·32 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN FEBRUARY 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed Vapour Tension. Inches. | Relative Humidity. % | Rainfall.* Inches. | Rainfall.* No. of Falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours Calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·969 | 62·5 | 58·7 | ·457 | 79 | *Nil.* | *Nil.* | 10 | 7 | 3 | 6 | 5 | 28 | 17 | 2 | 2 | No interpolated values. Registers complete. |
| 1 | ·962 | 61·8 | 58·4 | ·458 | 80 | ,, | ,, | 11 | 7·5 | 4 | 9 | 8 | 36·5 | 21 | 1 | 0 | |
| 2 | ·950 | 61·6 | 58·4 | ·460 | 81 | ,, | ,, | 11 | 7·5 | 2 | 10 | 3 | 18 | 14 | 11 | 0 | |
| 3 | ·940 | 61·1 | 57·9 | ·454 | 81 | ,, | ,, | 15 | 14 | 2 | 2 | 12·5 | 13 | 15 | 4 | 1 | |
| 4 | ·935 | 60·8 | 57·4 | ·443 | 80 | ,, | ,, | 9 | 17 | 3 | 5 | 7 | 15 | 8 | 6 | 0 | |
| 5 | ·940 | 60·3 | 56·9 | ·446 | 82 | ,, | ,, | 10 | 24 | 2 | 5 | 9 | 17 | 9 | 6 | 1 | |
| 6 | ·957 | 59·9 | 56·8 | ·438 | 82 | ,, | ,, | 9 | 17·5 | 4 | 4 | 8 | 15 | 10 | 4 | 2 | |
| 7 | ·981 | 59·6 | 56·7 | ·440 | 83 | ,, | ,, | 7 | 12·5 | 3 | 8 | 9 | 12 | 17 | 5 | 4 | |
| 8 | 30·004 | 62·7 | 58·7 | ·456 | 77 | ,, | ,, | 22 | 18 | 5 | 2 | 14 | 14 | 14 | 8 | 3 | |
| 9 | ·030 | 67·6 | 60·1 | ·435 | 61 | ,, | ,, | 33 | 18 | 15 | 4 | 6 | 25 | 18 | 17 | 1 | |
| 10 | ·041 | 71·1 | 60·2 | ·408 | 51 | ,, | ,, | 43 | 16 | 2 | 2 | 20 | 17 | 24 | 28 | 0 | |
| 11 | ·029 | 73·9 | 61·5 | ·394 | 46 | ,, | ,, | 54 | 13 | 2 | 4 | 15 | 28 | 24 | 46 | 0 | |
| Noon | ·002 | 75·7 | 61·6 | ·376 | 41 | ,, | ,, | 34 | 15 | 1 | 0 | 14 | 26 | 32 | 76 | 0 | |
| 13 | 29·966 | 77·4 | 62·1 | ·367 | 38 | ,, | ,, | 21 | 7 | 0 | 4 | 7 | 26 | 54 | 88 | 0 | |
| 14 | ·932 | 78·5 | 62·0 | ·348 | 35 | ,, | ,, | 26 | 0 | 0 | 0 | 16 | 18 | 53 | 85 | 0 | |
| 15 | ·908 | 79·2 | 62·2 | ·345 | 34 | ,, | ,, | 17 | 0 | 0 | 0 | 13 | 21 | 51 | 87 | 0 | |
| 16 | ·899 | 78·9 | 62·0 | ·341 | 34 | ,, | ,, | 15 | 1 | 0 | 0 | 21 | 13 | 51 | 54 | 0 | |
| 17 | ·899 | 77·9 | 62·2 | ·360 | 37 | ,, | ,, | 11 | 1 | 0 | 6 | 7 | 12 | 27 | 27 | 0 | |
| 18 | ·907 | 73·7 | 62·7 | ·433 | 51 | ,, | ,, | 4 | 1 | 0 | 5 | 7 | 10 | 23·5 | 13 | 0 | |
| 19 | ·922 | 69·4 | 61·8 | ·459 | 63 | ,, | ,, | 6 | 1 | 0 | 4 | 19 | 5 | 16 | 11 | 2 | |
| 20 | ·944 | 67·3 | 61·0 | ·462 | 68 | ,, | ,, | 9 | 2 | 0 | 0 | 21 | 5 | 15·5 | 8 | 6 | |
| 21 | ·959 | 65·8 | 60 4 | ·466 | 72 | ,, | ,, | 7 | 0 | 0 | 1 | 25 | 26 | 10 | 5·5 | 3 | |
| 22 | ·968 | 64·8 | 59·8 | ·459 | 73 | ,, | ,, | 6 | 7 | 1 | 4 | 20 | 26 | 15 | 8·5 | 1 | |
| 23 | ·967 | 63·9 | 59·6 | ·468 | 77 | ,, | ,, | 11 | 2 | 1 | 6 | 11 | 32 | 12 | 8 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN FEBRUARY 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours Calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 25·5 | 6·5 | 4 | 0 | 0·5 | 0·5 | 9 | 54 | 4 | 62·5 | 38 | 7·5 | 1·5 | 1 | 1 | 0 | 8·5 | 0 |
| 1 to 2 | 24 | 13·5 | 3 | 0 | 1·5 | 1·5 | 9 | 56·5 | 3 | 68·5 | 42·5 | 0 | 0 | 2 | 2 | 4 | 9 | 0 |
| 2 to 3 | 30 | 17·5 | 3 | 0 | 1 | 1 | 7 | 45·5 | 3 | 91 | 26 | 0 | 0 | 0 | 0 | 4 | 9 | 0 |
| 3 to 4 | 25·5 | 17 | 3 | 0 | 0·5 | 0·5 | 7·5 | 53 | 2 | 86·5 | 25·5 | 0 | 0 | 0 | 0 | 2·5 | 9·5 | 1 |
| 4 to 5 | 21 | 14 | 4 | 0 | 0·5 | 0·5 | 9 | 55 | 3 | 93·5 | 27 | 0 | 0 | 0 | 0 | 0 | 14·5 | 0 |
| 5 to 6 | 19·5 | 10 | 5 | 0 | 1 | 1 | 12 | 53·5 | 3 | 98 | 24·5 | 0 | 0 | 0 | 0 | 0 | 20·5 | 0 |
| 6 to 7 | 23 | 8 | 5 | 0 | 0·5 | 0·5 | 16 | 59 | 3 | 118·5 | 23·5 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| 7 to 8 | 19·5 | 6 | 5 | 0 | 1·5 | 1·5 | 12·5 | 54 | 5 | 94·5 | 21·5 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 8 to 9 | 38·5 | 12 | 3·5 | 3·5 | 1·5 | 3 | 11·5 | 55·5 | 1 | 91·5 | 36 | 0 | 0 | 0 | 0 | 0 | 15·5 | 0 |
| 9 to 10 | 51 | 23 | 3 | 3 | 0 | 4 | 4 | 75 | 0 | 60·5 | 81·5 | 2 | 0 | 0 | 6 | 0 | 17 | 0 |
| 10 to 11 | 130 | 12 | 0·5 | 0 | 0 | 5 | 3 | 86·5 | 0 | 23 | 69·5 | 32 | 0 | 4 | 0 | 4 | 20·5 | 0 |
| 11 to Noon | 85·5 | 30 | 1 | 0 | 0 | 5 | 10·5 | 113 | 0 | 9·5 | 65·5 | 39·5 | 2·5 | 6 | 13 | 11 | 24 | 0 |
| Noon to 13 | 77·5 | 27 | 1 | 1 | 0 | 4 | 11 | 122·5 | 0 | 10 | 31·5 | 29·5 | 10·5 | 10 | 23·5 | 34·5 | 24·5 | 0 |
| 13 to 14 | 86 | 28 | 1 | 1 | 1·5 | 4 | 20·5 | 112 | 0 | 12·5 | 26 | 21·5 | 4 | 16 | 37 | 43 | 30 | 0 |
| 14 to 15 | 69 | 35 | 2 | 3 | 1 | 1 | 17·5 | 118·5 | 0 | 29·5 | 25 | 26·5 | 0 | 8·5 | 22·5 | 47·5 | 13·5 | 0 |
| 15 to 16 | 69 | 39 | 1·5 | 0 | 0 | 0·5 | 10·5 | 112·5 | 0 | 32·5 | 22 | 13 | 0 | 15·5 | 31·5 | 43 | 20·5 | 0 |
| 16 to 17 | 49·5 | 25 | 2 | 0 | 0 | 1 | 10 | 78·5 | 0 | 29 | 27·5 | 14·5 | 2 | 6 | 33 | 31·5 | 30·5 | 0 |
| 17 to 18 | 24 | 20 | 1·5 | 0 | 0 | 2 | 6·5 | 58 | 1 | 12 | 21·5 | 11 | 11·5 | 4 | 28·5 | 22·5 | 28 | 0 |
| 18 to 19 | 23·5 | 13 | 1·5 | 0 | 0 | 2 | 9·5 | 53·5 | 0 | 8 | 20 | 25·5 | 16 | 4·5 | 15 | 17·5 | 18·5 | 0 |
| 19 to 20 | 24 | 11·5 | 1 | 0 | 0 | 1 | 9 | 49·5 | 1 | 19 | 14·5 | 49 | 22·5 | 6·5 | 9 | 12 | 23·5 | 0 |
| 20 to 21 | 23·5 | 8 | 1 | 0 | 0 | 1 | 9·5 | 53 | 2 | 25 | 25 | 41·5 | 12·5 | 7 | 0 | 11 | 22 | 0 |
| 21 to 22 | 30·5 | 15 | 2 | 0 | 0 | 1 | 16·5 | 52 | 1 | 29 | 34 | 23·5 | 10·5 | 2·5 | 4 | 12 | 12·5 | 0 |
| 22 to 23 | 34 | 11 | 2 | 0 | 0 | 1 | 16 | 49 | 0 | 42 | 42 | 20 | 2·5 | 3 | 2 | 10 | 10·5 | 0 |
| 23 to Midn. | 36·5 | 13 | 3 | 0 | 0 | 1 | 17 | 49·5 | 1 | 46·5 | 45 | 17 | 4 | 0 | 7 | 0 | 9·5 | 0 |

MARCH 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·688 | 29·760 | 29·652 | 29·806 | 29·709 | 73·2 | 78·1 | 89·5 | 76·9 | 79·7 | 89·7 | 72·2 | 17·5 | 7·9 | 145·8 | 56·1 | 67·4 | 4·8 | SW | SW | W by N | SW by S | 173 |
| 2 | ·808 | ·876 | ·759 | ·864 | ·817 | 70·8 | 77·3 | 86·6 | 74·3 | 78·2 | 87·0 | 70·0 | 17·0 | 10·0 | 139·5 | 52·5 | 63·9 | 6·1 | NNE | NNW | WNW | ESE | 109 |
| 3 | ·882 | ·924 | ·793 | ·867 | ·852 | 72·9 | 80·5 | 88·8 | 75·6 | 79·4 | 89·5 | 72·0 | 17·5 | 10·3 | 149·6 | 60·1 | 65·2 | 6·8 | SSW | WSW | WNW | SW by S | 81 |
| 4 | ·817 | ·871 | ·704 | ·777 | ·790 | 75·3 | 83·2 | 92·3 | 75·3 | 81·3 | 93·2 | 72·6 | 20·6 | 9·9 | 146·3 | 53·1 | 65·9 | 6·7 | SSW | SSW | WNW | SW by S | 127 |
| 5 | ·756 | ·813 | ·666 | ·766 | ·745 | 69·6 | 83·2 | 93·4 | 75·3 | 80·0 | 93·9 | 68·4 | 25·5 | 10·2 | 148·7 | 54·8 | 57·9 | 10·5 | SW | SW | WNW | SSW | 116 |
| 6 | ·769 | ·856 | ·755 | ·876 | ·793 | 73·3 | 82·2 | 90·3 | 73·4 | 80·3 | 90·9 | 72·5 | 18·4 | 9·9 | 147·4 | 56·5 | 65·1 | 7·4 | W | SW | WNW | SSW | 111 |
| 7 | ·892 | ·959 | ·839 | ·941 | ·895 | 71·3 | 79·5 | 87·2 | 74·5 | 78·8 | 87·8 | 71·0 | 16·8 | 10·3 | 143·2 | 55·4 | 58·9 | 12·1 | NNW | S | ENE | SSW | 82 |
| 8 | ·903 | ·967 | ·817 | ·914 | ·896 | 69·7 | 80·1 | 87·8 | 74·5 | 78·1 | 88·7 | 67·7 | 21·0 | 9·6 | 144·4 | 55·7 | 58·9 | 8·8 | NNW | NW | NW | SW | 55 |
| 9 | ·891 | ·962 | ·814 | ·877 | ·872 | 67·9 | 81·8 | 87·9 | 72·9 | 77·7 | 88·7 | 66·4 | 22·3 | 9·9 | 145·5 | 56·8 | 57·8 | 8·6 | SW | SW | SSW | SSW | 103 |
| 10 | ·836 | ·883 | ·748 | ·799 | ·807 | 70·3 | 82·2 | 84·2 | 76·2 | 78·7 | 87·8 | 69·0 | 18·8 | 9·9 | 142·5 | 54·7 | 61·9 | 7·1 | SSW | SW by S | SSW | SSW | 232 |
| 11 | ·753 | ·831 | ·735 | ·844 | ·774 | 74·3 | 82·8 | 85·2 | 76·9 | 80·2 | 89·3 | 73·0 | 16·3 | 9·7 | 143·4 | 54·1 | 68·8 | 4·2 | SSW | SW by S | SSW | SSW | 301 |
| 12 | ·827 | ·890 | ·799 | ·906 | ·840 | 74·6 | 82·3 | 84·6 | 78·1 | 80·7 | 88·0 | 73·6 | 14·4 | 8·5 | 143·5 | 55·5 | 68·1 | 5·5 | SSW | SSW | S | SSE | 246 |
| 13 | ·875 | ·920 | ·798 | ·864 | ·854 | 73·4 | 82·3 | 85·3 | 75·7 | 79·9 | 87·2 | 72·2 | 15·0 | 9·0 | 141·1 | 53·9 | 66·1 | 6·1 | S | SSW | SSW | S by E | 224 |
| 14 | ·883 | ·936 | ·796 | ·842 | ·858 | 72·6 | 79·8 | 85·3 | 71·1 | 78·6 | 87·0 | 72·0 | 15·0 | 5·2 | 142·5 | 55·5 | 66·2 | 5·8 | SE by S | S | SSW | SSW | 163 |
| 15 | ·795 | ·857 | ·730 | ·812 | ·799 | 71·6 | 80·3 | 89·1 | 82·9 | 79·6 | 89·5 | 70·2 | 19·3 | 9·0 | 141·5 | 52·0 | 64·9 | 5·3 | SSW | SW | SW by W | SSW | 160 |
| 16 | ·818 | ·899 | ·781 | ·865 | ·832 | 75·6 | 83·3 | 90·3 | 77·3 | 81·9 | 91·0 | 74·7 | 16·3 | 8·9 | 146·5 | 55·5 | 70·8 | 3·9 | WSW | NNW | NNE | S | 129 |
| 17 | ·872 | ·930 | ·805 | ·901 | ·870 | 74·1 | 83·0 | 89·9 | 78·7 | 81·7 | 90·3 | 73·7 | 16·6 | 9·3 | 143·4 | 53·1 | 67·2 | 6·5 | WNW | WSW | WSW | SW by S | 85 |
| 18 | ·883 | ·937 | ·804 | ·878 | ·878 | 73·5 | 83·3 | 89·2 | 75·3 | 80·9 | 89·6 | 73·2 | 16·4 | 9·0 | 143·5 | 53·9 | 66·9 | 6·3 | NNW | NNW | N by E | E | 79 |
| 19 | ·881 | ·948 | ·816 | ·871 | ·877 | 72·8 | 83·3 | 89·3 | 73·5 | 80·0 | 89·5 | 72·2 | 17·3 | 9·9 | 143·6 | 54·1 | 64·8 | 7·4 | WSW | NNE | NNE | ESE | 112 |
| 20 | ·852 | ·930 | ·800 | ·847 | ·860 | 67·4 | 83·1 | 91·7 | 75·5 | 79·5 | 92·1 | 67·2 | 24·9 | 9·8 | 146·8 | 54·7 | 58·3 | 8·9 | NW | NNW | WNW | SW by S | 63 |
| 21 | ·855 | ·923 | ·784 | ·843 | ·848 | 69·5 | 83·1 | 92·4 | 76·9 | 80·5 | 93·1 | 68·2 | 24·9 | 9·8 | 147·5 | 54·4 | 58·1 | 10·1 | WSW | W | W by S | SW by S | 102 |
| 22 | ·846 | ·911 | ·776 | ·829 | ·827 | 73·9 | 84·8 | 92·3 | 73·9 | 81·2 | 93·0 | 72·3 | 20·7 | 9·9 | 150·3 | 57·3 | 62·8 | 9·5 | WNW | NNW | WNW | SSW | 121 |
| 23 | ·821 | ·885 | ·770 | ·840 | ·817 | 67·9 | 85·3 | 92·4 | 73·9 | 80·2 | 93·2 | 67·4 | 25·8 | 8·6 | 151·0 | 57·8 | 56·5 | 10·9 | WSW | W | WNW | SSW | 123 |
| 24 | ·837 | ·898 | ·762 | ·843 | ·820 | 69·3 | 85·3 | 94·5 | 74·1 | 80·7 | 95·4 | 68·2 | 27·2 | 9·0 | 150·7 | 55·3 | 56·9 | 11·3 | SW | W | WSW | SW by S | 123 |
| 25 | ·867 | ·916 | ·764 | ·824 | ·826 | 73·8 | 84·3 | 93·8 | 78·2 | 82·7 | 94·0 | 71·3 | 22·7 | 9·9 | 152·5 | 58·5 | 60·4 | 10·9 | WSW | SSW | WSW | SSW | 115 |
| 26 | ·810 | ·856 | ·691 | ·848 | ·791 | 74·8 | 83·3 | 86·4 | 69·4 | 79·3 | 90·5 | 74·2 | 16·3 | 3·8 | 144·8 | 54·3 | 67·9 | 6·3 | SSW | S | SSE | ENE | 137 |
| 27 | ·805 | ·856 | ·698 | ·739 | ·778 | 64·6 | 80·3 | 85·2 | 76·3 | 76·8 | 87·4 | 63·7 | 23·7 | 10·2 | 149·5 | 62·1 | 57·9 | 5·8 | ESE | SSW | SSW | SSW | 204 |
| 28 | ·725 | ·776 | ·657 | ·734 | ·712 | 75·8 | 82·3 | 85·4 | 77·8 | 81·0 | 88·3 | 72·2 | 16·1 | 8·3 | 146·1 | 57·8 | 65·9 | 6·3 | SSW | SSW | S | S by E | 236 |
| 29 | ·727 | ·781 | ·681 | ·822 | ·736 | 75·7 | 84·8 | 84·6 | 70·5 | 81·0 | 89·2 | 75·0 | 14·2 | 7·6 | 145·5 | 56·3 | 69·8 | 5·2 | S | SSW | S | NW | 217 |
| 30 | ·758 | ·834 | ·770 | ·875 | ·787 | 76·5 | 70·8 | 71·5 | 69·3 | 73·5 | 78·5 | 68·6 | 9·9 | 1·8 | 135·8 | 57·3 | 66·9 | 1·7 | ENE | NNW | SE by E | SSE | 220 |
| 31 | ·851 | ·924 | ·803 | ·871 | ·848 | 69·0 | 76·3 | 83·9 | 73·6 | 75·7 | 84·8 | 66·5 | 18·3 | 8·5 | 146·7 | 61·9 | 61·5 | 5·0 | NNW | NW | NNE | ESE | 77 |
| Mean | 29·825 | 29·887 | 29·760 | 29·845 | 29·820 | 72·1 | 81·7 | 88·1 | 75·1 | 79·6 | 89·6 | 70·7 | 18·9 | Total 273·6 | 145·5 | 55·8 | 63·5 | 7·2 | ... | ... | ... | ... | 142·8 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 72·2 | 73·2 | 68·2 | 74·5 | 72·7 | 71·7 | ·778 | ·752 | ·406 | ·822 | ·714 | ·772 | 95 | 78 | 29 | 89 | 73 | 98 | ... | 0 | 0 | 4 | 0 | *b.* | C. *b. c.* | C. *b. c.* |
| 2 | 67·2 | 70·8 | 71·2 | 70·3 | 70·9 | 67·0 | ·621 | ·668 | ·557 | ·689 | ·662 | ·623 | 83 | 71 | 44 | 81 | 70 | 85 | ... | 1 | 0 | 0 | 0 | Fk. *c.* | *b.* | *b.* |
| 3 | 71·4 | 74·0 | 71·5 | 73·8 | 73·1 | 68·7 | ·750 | ·753 | ·541 | ·808 | ·733 | ·660 | 93 | 72 | 40 | 91 | 75 | 84 | ... | 0 | 2 | 1 | 0 | *b.* | K. *c.* | *b.* |
| 4 | 74·4 | 76·2 | 69·4 | 72·5 | 73·3 | 69·9 | ·839 | ·810 | ·411 | ·760 | ·715 | ·696 | 95 | 71 | 27 | 86 | 70 | 87 | ... | 1 | 0 | 0 | 0 | Fk. *c.* | *b.* | *b.* |
| 5 | 68·2 | 70·8 | 67·0 | 74·0 | 70·7 | 67·6 | ·671 | ·587 | ·308 | ·825 | 634 | ·664 | 92 | 52 | 20 | 94 | 66 | 95 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 72·1 | 71·2 | 62·6 | 71·4 | 70·1 | 65·3 | ·776 | ·617 | ·199 | ·743 | ·608 | ·532 | 95 | 56 | 14 | 90 | 63 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 70·5 | 73·0 | 66·6 | 71·6 | 71·5 | 60·7 | ·734 | ·726 | ·379 | ·736 | ·676 | ·396 | 95 | 72 | 30 | 86 | 71 | 52 | ... | 0 | 0 | 0 | 0 | *b.* | Fk. *b. c.* | *b.* |
| 8 | 68·7 | 71·1 | 68·0 | 70·5 | 70·3 | 66·8 | ·690 | ·642 | ·418 | ·694 | ·638 | ·645 | 95 | 62 | 32 | 81 | 69 | 95 | ... | 0 | 0 | 2 | 0 | *b.* | Fk. *b. c.* | *b.* |
| 9 | 66·8 | 71·8 | 68·2 | 69·6 | 69·8 | 66·0 | ·645 | ·647 | ·427 | ·682 | ·624 | ·634 | 95 | 60 | 33 | 84 | 68 | 97 | ... | 0 | 0 | 2 | 0 | *b.* | K. *b. c.* | *b.* |
| 10 | 69·2 | 73·0 | 74·9 | 72·8 | 73·0 | 64·6 | ·702 | ·692 | ·742 | ·761 | ·738 | ·550 | 95 | 63 | 63 | 84 | 76 | 77 | ... | 0 | 1 | 0 | 1 | *b.* | Fk. *b. c.* | Fk. *b. c.* |
| 11 | 71·8 | 74·5 | 75·8 | 73·5 | 74·5 | 71·2 | ·748 | ·745 | ·765 | ·780 | ·781 | ·738 | 88 | 66 | 63 | 84 | 76 | 90 | ... | 3 | 0 | 0 | 3 | Fk. *c.* | Fk. *b. c.* | C. Ck. Fk. *c.* |
| 12 | 72·0 | 75·2 | 75·5 | 73·7 | 74·9 | 71·6 | ·753 | ·781 | ·763 | ·772 | ·789 | ·749 | 88 | 71 | 64 | 80 | 76 | 90 | ... | 1 | 8 | 7 | 10 | Fk. *c.* | K. Fk. *c.* | K. Pc. Pk. *o.* |
| 13 | 71·8 | 73·9 | 74·9 | 72·9 | 74·6 | 71·1 | ·761 | ·723 | ·725 | ·770 | ·789 | ·750 | 93 | 65 | 59 | 86 | 78 | 95 | ... | 5 | 2 | 0 | 0 | Fk. Ck. *c.* | Fk. *b. c.* | *b.* |
| 14 | 71·2 | 74·2 | 75·5 | 67·2 | 73·7 | 70·9 | ·745 | ·773 | ·750 | ·615 | ·771 | ·744 | 93 | 76 | 61 | 80 | 79 | 95 | 0·11 | 1 | 8 | 7 | 1 | Ck. *c.* | K. Fk. *c.* | P. Fk. Pk. *c. o. g. d.* |
| 15 | 71·2 | 74·4 | 75·3 | 77·1 | 74·8 | 65·7 | ·759 | ·772 | ·689 | ·851 | ·801 | ·574 | 98 | 74 | 50 | 75 | 80 | 78 | ... | 0 | 0 | 1 | 1 | *b.* | K. *b. c.* | Ck. *c.* |
| 16 | 74·0 | 71·0 | 68·2 | 75·2 | 72·7 | 73·5 | ·821 | 596 | ·396 | ·849 | ·688 | ·814 | 93 | 52 | 28 | 91 | 66 | 95 | ... | 6 | 4 | 0 | 0 | Ck. Fk. *c.* | Ck. *b. c.* | *b.* |
| 17 | 73·1 | 75·4 | 71·4 | 74·5 | 74·7 | 67·3 | ·803 | ·780 | ·521 | ·802 | ·768 | ·583 | 95 | 69 | 37 | 82 | 73 | 70 | ... | 1 | 3 | 1 | 0 | Ck. *c.* | K. Fk. *c.* | *b.* |
| 18 | 72·5 | 69·2 | 67·5 | 64·9 | 70·3 | 71·7 | ·787 | ·527 | ·384 | ·476 | ·607 | ·758 | 95 | 46 | 29 | 54 | 61 | 93 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 71·2 | 62·5 | 66·1 | 62·9 | 67·6 | 64·8 | ·745 | ·287 | ·334 | ·435 | ·515 | ·514 | 93 | 26 | 24 | 53 | 54 | 65 | ... | 5 | 0 | 0 | 0 | C. Ck. *c.* | *b.* | Cs. *b. c.* |
| 20 | 66·1 | 65·6 | 66·2 | 66·8 | 66·9 | 62·7 | ·626 | ·398 | ·303 | ·542 | ·494 | ·511 | 93 | 35 | 20 | 61 | 54 | 77 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 68·8 | 72·6 | 67·4 | 73·6 | 69·6 | 61·4 | ·695 | ·661 | ·337 | ·787 | ·581 | ·453 | 96 | 59 | 22 | 85 | 61 | 65 | ... | 1 | 0 | 0 | 0 | Cs. *c.* | *b.* | *b.* |
| 22 | 72·8 | 65·8 | 62·6 | 69·0 | 68·8 | 65·0 | ·795 | ·382 | ·172 | ·643 | ·548 | ·522 | 95 | 32 | 12 | 76 | 57 | 66 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 67·1 | 65·3 | 62·3 | 71·2 | 67·5 | 60·9 | ·652 | ·358 | ·163 | ·729 | ·507 | ·449 | 95 | 29 | 10 | 87 | 56 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 68·2 | 68·2 | 63·2 | 69·3 | 68·3 | 61·9 | ·678 | ·463 | ·164 | ·651 | ·532 | ·472 | 95 | 38 | 9 | 76 | 58 | 68 | ... | 0 | 0 | 3 | 0 | *b.* | C. *b. c.* | C. *b. c.* |
| 25 | 72·2 | 74·7 | 65·4 | 74·5 | 73·7 | 62·9 | ·771 | ·733 | ·246 | ·805 | ·714 | ·462 | 93 | 62 | 15 | 83 | 68 | 60 | ... | 2 | 1 | 1 | 1 | Cs. *c.* | Cs. *c.* | C. Cs. *c.* |
| 26 | 73·4 | 76·7 | 74·2 | 65·2 | 73·3 | 68·0 | ·804 | ·832 | ·685 | ·569 | ·749 | ·606 | 93 | 73 | 55 | 80 | 75 | 72 | 0·15 | 5 | 10 | 10 | 10 | Pk. Fk. *c.* | K. Pk. Fk. *o.* | P. *o. g. d. p.* |
| 27 | 63·3 | 72·2 | 74·8 | 70·7 | 71·1 | 62·7 | ·567 | ·684 | ·722 | ·679 | ·698 | ·558 | 93 | 66 | 59 | 75 | 75 | 95 | 0·02 | 0 | 3 | 4 | 9 | *b.* | K. Fk. *c.* | K. Fk. P. *c. g. d. t.* |
| 28 | 73·2 | 74·4 | 76·4 | 72·2 | 75·2 | 66·8 | ·785 | ·745 | ·789 | ·717 | ·799 | ·585 | 88 | 67 | 64 | 75 | 76 | 74 | ... | 2 | 9 | 5 | 3 | Fk. *c.* | K. Fk. *c.* | Ck. Pc. Pk. P. *c. o. g. t.* |
| 29 | 74·2 | 76·7 | 77·0 | 69·2 | 75·6 | 71·7 | ·827 | ·812 | ·828 | ·699 | ·818 | ·735 | 93 | 68 | 70 | 93 | 78 | 85 | 1·48 | 2 | 7 | 9 | 10 | Ck. Fk. *c.* | K. Pk. Fk. *c.* | P. Pk. *o. g. p.* |
| 30 | 74·8 | 68·7 | 69·5 | 67·7 | 71·1 | 67·8 | ·840 | ·676 | ·696 | ·659 | ·731 | ·668 | 92 | 90 | 90 | 92 | 88 | 95 | 1·49 | 10 | 10 | 10 | 2 | Pc. *o. p.* | P. *o. g. p. t.* | P. Pc. *o. g. t. c.* |
| 31 | 68·5 | 73·0 | 72·2 | 70·6 | 71·1 | 66·0 | ·692 | ·770 | ·633 | ·710 | ·705 | ·634 | 97 | 85 | 55 | 86 | 81 | 97 | ... | 2 | 3 | 0 | 1 | Ck. *c.* | Ck. *b. c.* | C. *b. c.* |
| Mean | 70·7 | 71·9 | 70·0 | 71·1 | 71·8 | 66·9 | ·737 | ·658 | ·498 | ·712 | ·682 | ·615 | 93 | 61 | 40 | 81 | 70 | 82 | Total 3·25 | 1·55 | 2·29 | 2·16 | 1·68 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·403 | 29·478 | 29·399 | 29·497 | 29·436 | 60·8 | 80·3 | 92·3 | 89·3 | 80·1 | 92·3 | 59·7 | 32·6 | 11·1 | 149·1 | 56·8 | 47·9 | 11·8 | Calm | SE | NNW | NE | 36·0 |
| 2 | ·517 | ·594 | ·480 | ·544 | ·526 | 62·0 | 82·4 | 93·3 | 73·3 | 77·2 | 93·5 | 60·6 | 32·9 | 11·2 | 150·8 | 57·3 | 50·0 | 10·6 | ENE | E | NW | Calm | 56·3 |
| 3 | ·571 | ·629 | ·506 | ·556 | ·558 | 63·0 | 75·4 | 95·3 | 72·1 | 75·8 | 95·5 | 61·8 | 33·7 | 11·3 | 151·9 | 56·4 | 51·1 | 10·7 | NNW | SW | NW | NW | 51·9 |
| 4 | ·512 | ·588 | ·447 | ·487 | ·500 | 65·3 | 82·4 | 93·8 | 76·5 | 78·9 | 94·3 | 62·0 | 32·3 | 11·2 | 152·2 | 57·9 | 49·4 | 12·6 | WNW | WNW | NW | W | 121·9 |
| 5 | ·459 | ·509 | ·387 | ·463 | ·446 | 61·2 | 80·0 | 89·8 | 70·1 | 74·7 | 90·8 | 59·6 | 31·2 | 10·8 | 150·2 | 59·4 | 48·2 | 11·4 | WNW | W | WNW | W | 188·3 |
| 6 | ·467 | ·566 | ·447 | ·581 | ·507 | 63·6 | 77·2 | 88·3 | 67·1 | 73·4 | 88·4 | 57·9 | 30·5 | 10·4 | 148·6 | 60·2 | 40·9 | 17·0 | WSW | WNW | W | Calm | 169·5 |
| 7 | ·577 | ·669 | ·561 | ·628 | ·601 | 56·4 | 77·1 | 90·2 | 68·7 | 72·5 | 90·4 | 55·1 | 35·3 | 10·6 | 150·0 | 59·6 | 40·9 | 14·2 | Calm | NW | W | Calm | 37·1 |
| 8 | ·605 | ·658 | ·524 | ·579 | ·584 | 59·0 | 83·1 | 90·8 | 68·3 | 74·7 | 90·8 | 56·5 | 34·3 | 10·7 | 151·1 | 60·3 | 41·9 | 14·6 | Calm | SW | W | Calm | 40·5 |
| 9 | ·549 | ·624 | ·483 | ·525 | ·537 | 57·6 | 83·3 | 91·3 | 69·9 | 74·9 | 92·3 | 56·4 | 35·9 | 9·4 | 152·9 | 60·6 | 41·9 | 14·5 | Calm | SSW | NW | Calm | 37·5 |
| 10 | ·487 | ·523 | ·402 | ·443 | ·456 | 58·2 | 83·5 | 94·3 | 71·1 | 76·2 | 94·7 | 56·6 | 38·1 | 11·3 | 154·1 | 59·4 | 42·8 | 13·8 | Calm | SSE | WSW | Calm | 29·2 |
| 11 | ·410 | ·460 | ·361 | ·451 | ·412 | 60·6 | 84·3 | 95·6 | 73·2 | 77·8 | 95·7 | 58·7 | 37·0 | 11·0 | 151·8 | 56·1 | 46·9 | 11·8 | ENE | S | WNW | W | 82·2 |
| 12 | ·469 | ·540 | ·419 | ·506 | ·476 | 67·1 | 84·0 | 97·1 | 77·2 | 80·8 | 97·1 | 63·7 | 33·4 | 5·8 | 156·1 | 59·0 | 51·9 | 11·8 | W | SW | W | ENE | 51·0 |
| 13 | ·481 | ·567 | ·462 | ·580 | ·514 | 67·1 | 81·3 | 92·8 | 73·9 | 78·2 | 93·5 | 66·6 | 26·9 | 9·9 | 149·9 | 56·4 | 58·9 | 7·7 | ENE | ENE | NW | ENE | 124·3 |
| 14 | ·526 | ·630 | ·498 | ·551 | ·543 | 68·7 | 80·7 | 88·3 | 71·6 | 76·7 | 89·0 | 66·0 | 23·0 | 10·1 | 147·0 | 58·0 | 58·7 | 7·3 | SSE | NW | N | Calm | 151·6 |
| 15 | ·508 | ·574 | ·471 | ·534 | ·514 | 62·6 | 84·1 | 89·5 | 71·4 | 76·3 | 90·8 | 61·9 | 28·9 | 9·8 | 150·1 | 59·3 | 49·7 | 12·2 | Calm | NW | NW | Calm | 110·8 |
| 16 | ·533 | ·609 | ·505 | ·576 | ·548 | 60·0 | 83·3 | 89·9 | 69·1 | 75·6 | 90·5 | 59·7 | 30·8 | 9·9 | 150·1 | 59·6 | 46·7 | 13·0 | Calm | S | NW | Calm | 72·8 |
| 17 | ·598 | ·673 | ·571 | ·638 | ·612 | 58·5 | 80·2 | 89·3 | 67·4 | 73·2 | 89·4 | 56·8 | 32·6 | 10·3 | 150·0 | 60·6 | 44·6 | 12·2 | WNW | N | NW | NW | 61·6 |
| 18 | ·620 | ·686 | ·552 | ·606 | ·608 | 57·0 | 79·2 | 88·2 | 67·1 | 72·3 | 88·4 | 56·1 | 32·3 | 10·7 | 148·1 | 59·7 | 40·1 | 16·0 | NW | NW | WNW | NW | 133·1 |
| 19 | ·606 | ·677 | ·528 | ·579 | ·590 | 59·0 | 80·3 | 89·3 | 70·1 | 74·1 | 89·5 | 53·7 | 35·8 | 10·8 | 149·6 | 60·1 | 38·5 | 15·2 | W | WNW | NW | WNW | 122·8 |
| 20 | ·595 | ·677 | ·537 | ·581 | ·590 | 63·2 | 80·5 | 90·3 | 69·1 | 75·2 | 90·9 | 58·6 | 32·3 | 10·7 | 149·4 | 58·5 | 43·9 | 14·7 | WSW | NW | NW | NW | 108·2 |
| 21 | ·601 | ·665 | ·509 | ·572 | ·579 | 63·5 | 81·4 | 92·3 | 72·2 | 76·8 | 92·4 | 60·7 | 31·7 | 9·7 | 152·1 | 59·7 | 44·8 | 15·9 | W | NW | NW | W | 166·8 |
| 22 | ·562 | ·610 | ·476 | ·536 | ·538 | 61·3 | 85·0 | 94·3 | 75·2 | 78·4 | 94·5 | 60·3 | 34·2 | 8·0 | 153·0 | 58·5 | 45·4 | 14·9 | WSW | NW | NW | WNW | 198·5 |
| 23 | ·533 | ·591 | ·473 | ·556 | ·530 | 66·1 | 84·7 | 94·5 | 74·2 | 79·3 | 95·3 | 63·9 | 31·4 | 10·5 | 154·6 | 59·2 | 47·4 | 16·5 | W | NW | WNW | WNW | 165·7 |
| 24 | ·547 | ·595 | ·458 | ·524 | ·523 | 62·2 | 86·5 | 95·1 | 70·9 | 78·1 | 95·6 | 60·7 | 34·9 | 10·8 | 156·3 | 60·7 | 46·8 | 13·9 | NW | WNW | NW | Calm | 140·1 |
| 25 | ·537 | ·588 | ·454 | ·475 | ·506 | 60·0 | 88·4 | 94·4 | 72·6 | 78·2 | 96·9 | 58·6 | 38·3 | ? | 158·0 | 61·1 | 41·8 | 16·8 | Calm | S | NNW | Calm | 59·5 |
| 26 | ·470 | ·503 | ·377 | ·406 | ·431 | 57·5 | 88·3 | 98·2 | 76·9 | 79·6 | 98·2 | 57·7 | 40·5 | 10·2 | 165·3 | 67·1 | 41·9 | 15·8 | Calm | SSW | NNW | NE | 42·1 |
| 27 | ·394 | ·457 | ·301 | ·367 | ·372 | 63·9 | 86·2 | 98·4 | 82·5 | 82·2 | 98·4 | 62·9 | 35·5 | 10·4 | 154·3 | 55·9 | 48·8 | 14·1 | ENE | E | NNE | E | 92·9 |
| 28 | ·376 | ·429 | ·284 | ·350 | ·352 | 73·3 | 86·0 | 96·3 | 82·3 | 83·9 | 96·8 | 71·9 | 24·9 | 9·2 | 158·8 | 62·0 | 61·5 | 10·4 | E | E | SE | Calm | 179·3 |
| 29 | ·395 | ·423 | ·314 | ·406 | ·376 | 72·8 | 81·3 | 87·9 | 68·6 | 77·1 | 88·2 | 66·8 | 21·4 | 8·4 | 144·6 | 56·4 | 65·7 | 6·3 | NE | E | E | E | 272·1 |
| 30 | ·491 | ·557 | ·473 | ·535 | ·506 | 64·8 | 81·3 | 90·6 | 73·2 | 76·9 | 90·6 | 63·9 | 26·7 | 10·8 | 149·3 | 58·7 | 56·9 | 7·0 | NNE | E | NNE | NNE | 141·0 |
| 31 | ·549 | ·585 | ·476 | ·561 | ·535 | 61·1 | 86·3 | 94·0 | 74·2 | 78·3 | 94·2 | 60·7 | 33·5 | 11·9 | 154·8 | 60·6 | 47·7 | 13·0 | Calm | SE | WNW | NW | 68·0 |
| Mean | 29·514 | 29·579 | 29·456 | 29·522 | 29·510 | 62·5 | 82·5 | 92·4 | 72·9 | 77·0 | 92·9 | 60·5 | 32·3 | Total 306·9 | 152·1 | 59·2 | 47·9 | 12·8 | ... | ... | ... | ... | 106·9 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Mio. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 57·1 | 67·2 | 68·9 | 64·1 | 64·3 | 56·6 | ·419 | ·492 | ·393 | ·263 | ·392 | ·419 | 78 | 48 | 26 | 19 | 43 | 81 | ... | 0 | 0 | 2 | 0 | *b.* | C. *b. c.* | C. *c.b.* |
| 2 | 59·5 | 68·2 | 69·1 | 66·1 | 65·7 | 58·2 | ·477 | ·500 | ·388 | ·546 | ·478 | ·455 | 86 | 45 | 25 | 66 | 56 | 86 | ... | 0 | 0 | 1 | 1 | *b.* | Cs. *b. c.* | C. *c.* |
| 3 | 61·1 | 70·5 | 68 1 | 62·0 | 65·4 | 60·0 | ·514 | ·682 | ·592 | ·423 | ·553 | ·495 | 90 | 77 | 67 | 54 | 72 | 90 | ... | 1 | 1 | 0 | 0 | Cs. *c.* | Cs. *c. b.* | C. *c.b.* |
| 4 | 56·1 | 65·0 | 65·1 | 58·1 | 61 1 | 55·6 | ·330 | ·386 | ·237 | ·241 | ·298 | ·359 | 53 | 35 | 15 | 26 | 32 | 65 | .. | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 53·1 | 61·7 | 60·8 | 53·1 | 57·2 | 52·4 | ·298 | ·307 | ·147 | ·180 | ·233 | ·300 | 55 | 30 | 10 | 24 | 30 | 58 | ... | 0 | 0 | 0 | 0 | *b.* | *b.*∞ | *b.* |
| 6 | 49·6 | 56·8 | 60·2 | 55·0 | 55·4 | 48·4 | ·172 | ·192 | ·149 | ·274 | ·197 | ·216 | 29 | 21 | 11 | 41 | 26 | 44 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 51·1 | 58·5 | 63·9 | 58·6 | 58·0 | 49·9 | ·307 | ·245 | ·244 | ·360 | ·289 | ·292 | 67 | 27 | 17 | 52 | 41 | 67 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 8 | 53·1 | 63·6 | 63·7 | 57·6 | 59·5 | 52·6 | ·327 | ·329 | ·230 | ·335 | ·305 | ·346 | 65 | 29 | 16 | 49 | 40 | 76 | ... | 0 | 0 | 1 | 2 | *b.* | C. *b. c.* | C. *c.* |
| 9 | 54·9 | 63·1 | 62·3 | 56·9 | 59·3 | 53·4 | ·397 | ·309 | ·176 | ·292 | ·294 | ·370 | 83 | 27 | 11 | 40 | 40 | 81 | .. | 2 | 0 | 3 | 3 | Ck. *c.* | Cs. *b. c.* | Cs. C. *c.* |
| 10 | 53·3 | 60·9 | 65·4 | 59·3 | 59·7 | 52·1 | ·344 | ·235 | ·241 | ·349 | ·292 | ·331 | 72 | 21 | 14 | 45 | 38 | 72 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 56·1 | 64 8 | 65·1 | 61·1 | 61·8 | 54·1 | ·392 | ·354 | ·213 | ·379 | ·334 | ·359 | 74 | 30 | 12 | 46 | 40 | 72 | | 0 | 0 | 3 | 4 | *b.* | C. Cs. *b.c.* | C. Ck. *c.* |
| 12 | 56·1 | 65·1 | 66·6 | 65·1 | 63·2 | 54·7 | ·306 | ·368 | ·245 | ·459 | ·344 | ·311 | 46 | 31 | 14 | 49 | 35 | 53 | ... | 7 | 9 | 4 | 3 | Ck.Cs.*c.* | C. Cs. *c.* | C. Cs. *c.* |
| 13 | 66·0 | 71·1 | 69·4 | 61·6 | 67·0 | 61·8 | ·626 | ·626 | ·405 | ·385 | ·510 | ·489 | 94 | 59 | 26 | 46 | 56 | 74 | ... | 2 | 0 | 5 | 6 | Ck. *c.* | Ck. *b. c.* | Ck.Pk *c.* |
| 14 | 59·3 | 65·1 | 67·0 | 63·1 | 63·6 | 58·9 | ·382 | ·412 | ·378 | ·466 | ·410 | ·405 | 54 | 40 | 28 | 60 | 46 | 64 | ... | 5 | 4 | 0 | 0 | Ck. *c.* | Ck. *c. b.* | *b.* |
| 15 | 59·1 | 62·3 | 62·4 | 58·1 | 60·5 | 57·7 | ·457 | ·272 | ·203 | ·309 | ·310 | ·422 | 80 | 23 | 14 | 41 | 40 | 76 | ... | 3 | 0 | 1 | 0 | Ck. *c.* | Ck. *b. c.* | *b.* |
| 16 | 55·1 | 64·9 | 62·2 | 58·1 | 60·1 | 54·1 | ·371 | ·370 | ·191 | ·339 | ·318 | ·346 | 71 | 32 | 13 | 47 | 41 | 67 | ... | 0 | 0 | 1 | 0 | *b.* | Ck. *b. c.* | *b.* |
| 17 | 51·6 | 59·1 | 62·1 | 56·1 | 57·2 | 51·0 | ·293 | ·222 | ·196 | ·302 | ·253 | ·299 | 59 | 22 | 14 | 45 | 35 | 64 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 49·8 | 57·2 | 59·1 | 53·4 | 54·9 | 48·8 | ·264 | ·177 | ·11; | ·228 | ·196 | ·249 | 57 | 18 | 9 | 34 | 30 | 55 | ... | 0 | 0 | 0 | 0 | *b.* | *b.*∞ | *b.* |
| 19 | 48·6 | 58·1 | 58·4 | 53·1 | 52·0 | 46·2 | ·207 | ·190 | ·079 | ·181 | ·164 | ·215 | 41 | 19 | 6 | 24 | 22 | 51 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 49·6 | 57·2 | 60·0 | 54·1 | 55·2 | 47·9 | ·177 | ·160 | ·116 | ·222 | ·169 | ·194 | 30 | 16 | 8 | 31 | 21 | 39 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 50·1 | 59 1 | 60·9 | 55·1 | 56·3 | 49·4 | ·187 | ·206 | ·118 | ·209 | ·130 | ·205 | 31 | 19 | 8 | 27 | 21 | 38 | ... | 0 | 0 | 0 | 0 | *b.* | *b.*∞ | *b.*∞ |
| 22 | 49·1 | 60·0 | 62·1 | 57·5 | 57·2 | 48·3 | ·189 | ·186 | ·129 | ·240 | ·186 | ·182 | 34 | 15 | 8 | 27 | 21 | 34 | ... | 0 | 0 | 0 | 0 | *b.* | *b.*∞ | *b.*∞ |
| 23 | 52·1 | 60·1 | 64·2 | 57·1 | 58·4 | 51·9 | ·205 | ·193 | ·197 | ·241 | ·209 | ·230 | 32 | 16 | 11 | 29 | 22 | 39 | ... | 0 | 0 | 0 | 0 | ∞ | *b.*∞ | *b* ∞ |
| 24 | 51·1 | 63·2 | 64·1 | 59·1 | 59·4 | 49·8 | ·230 | ·270 | ·185 | ·346 | ·258 | 216 | 41 | 21 | 11 | 45 | 30 | 40 | ... | 2 | 3 | 1 | 0 | C. *c.* | C. *c.* | C. *c.b.* |
| 25 | 53·9 | 65·6 | 64·8 | 59·1 | 60·8 | 58·6 | ·336 | ·326 | ·218 | ·323 | ·301 | ·297 | 64 | 24 | 14 | 41 | 36 | 59 | ... | 0 | 0 | 8 | 0 | *b.* | Cs. *b. c.* | Cs. *c.b.* |
| 26 | 52·1 | 64·3 | 66·0 | 59·0 | 60·4 | 55·9 | ·320 | ·283 | ·209 | ·263 | ·269 | ·425 | 67 | 21 | 12 | 28 | 32 | 88 | ... | 0 | 0 | 2 | 0 | *b.* | C. Ck. *b.c.* | Ck. *c.b.* |
| 27 | 53·1 | 63·3 | 67·3 | 66·2 | 62·5 | 52·1 | ·262 | ·277 | ·253 | ·427 | ·305 | ·248 | 44 | 22 | 14 | 39 | 30 | 43 | ... | 3 | 2 | 0 | 5 | Ck. *c.* | Ck. *c. b.* | Ck. *b.c.* |
| 28 | 65·6 | 70·4 | 69·0 | 68·1 | 68·3 | 64·3 | ·529 | ·535 | ·343 | ·498 | ·476 | ·508 | 64 | 43 | 20 | 45 | 43 | 64 | ... | 7 | 3 | 0 | 1 | Cs.Ck.*c.* | Ck.Cs. *c b* | Ck. *b.c.* |
| 29 | 67·3 | 71·1 | 72·6 | 65·4 | 69·1 | 66·1 | ·596 | ·626 | ·596 | ·585 | ·601 | ·564 | 74 | 59 | 45 | 84 | 66 | 71 | 0·08 | 0 | 0 | 9 | 0 | *b.* | Cs.Pk. *b.c.* | Pk.Ck. *r g.t.* |
| 30 | 63·4 | 68·9 | 64·1 | 63·1 | 64·9 | 63·0 | ·566 | ·542 | ·245 | ·445 | ·450 | ·565 | 93 | 51 | 17 | 55 | 54 | 95 | ... | 1 | 0 | 0 | 0 | Cs. *c.* | *b.* | *b.* |
| 31 | 58·1 | 66·1 | 62·1 | 61·9 | 62·0 | 57·0 | ·446 | ·372 | ·133 | ·391 | ·336 | ·418 | 82 | 30 | 8 | 46 | 42 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| Mean | 55·4 | 63·6 | 64·4 | 59·6 | 60·7 | 54·5 | ·352 | ·343 | ·244 | ·339 | ·318 | ·346 | 62 | 31 | 17 | 42 | 38 | 64 | Total 0·08 | 1·06 | 0·71 | 1·32 | 0·81 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·438 | 29·349 | 80·7 | 89·6 | 91·3 | 56·9 | 34·4 | 152·7 | 61·4 | 49·0 | 7·9 | ENE | SSE | WSW | WSW | 58 |
| 2 | ·545 | ·433 | 82·7 | 91·6 | 93·3 | 57·9 | 35·4 | 157·7 | 64·4 | 50·0 | 7·9 | W | NW | SW | Calm | 48 |
| 3 | ·577 | ·452 | 85·6 | 93·5 | 95·3 | 59·9 | 35·4 | 151·7 | 56·4 | 51·0 | 8·9 | Calm | SW | WNW | WNW | 87 |
| 4 | ·506 | ·385 | 85·6 | 91·6 | 94·3 | 60·9 | 33·4 | 157·7 | 63·4 | 50·0 | 10·9 | WNW | W | WNW | WNW | 168 |
| 5 | ·426 | ·333 | 83·7 | 89·6 | 91·3 | 63·9 | 27·4 | 150·7 | 59·4 | 54·0 | 9·9 | WNW | WNW | N | NNW | 227 |
| 6 | ·459 | ·373 | 80·7 | 87·6 | 89·3 | 56·9 | 32·4 | 157·7 | 68·4 | 45·0 | 11·9 | NNW | NNW | NNW | NNE | 166 |
| 7 | ·595 | ·492 | 80·7 | 90·6 | 92·3 | 53·0 | 39·3 | 150·7 | 58·4 | 43·0 | 10·0 | N | Calm | NNW | NNW | 39 |
| 8 | ·598 | ·474 | 83·7 | 90·6 | 91·3 | 53·5 | 37·8 | 148·7 | 57·4 | 43·0 | 10·5 | Calm | NNW | WSW | W | 42 |
| 9 | ·559 | ·421 | 84·6 | 92·5 | 93·3 | 56·9 | 36·4 | 147·7 | 54·4 | 47·0 | 9·9 | W | W | NNE | Calm | 39 |
| 10 | ·470 | ·351 | 83·7 | 92·5 | 95·3 | 55·0 | 40·3 | 139·7 | 44·4 | 45·0 | 10·0 | N | N | E | ESE | 69 |
| 11 | ·391 | ·304 | 87·8 | 93·5 | 96·3 | 59·6 | 36·7 | 159·7 | 63·4 | 51·0 | 8·6 | ESE | S | NE | NE | 82 |
| 12 | ·485 | ·399 | 78·7 | 90·6 | 95·0 | 58·9 | 36·1 | 158·7 | 63·7 | 51·0 | 7·9 | ENE | ENE | SSE | SSW | 90 |
| 13 | ·541 | ·454 | 74·7 | 77·7 | 85·3 | 69·9 | 15·4 | 133·7 | 48·4 | 67·0 | 2·9 | SSW | SSE | NW | S | 236 |
| 14 | ·594 | ·463 | 78·7 | 85·6 | 88·3 | 60·9 | 27·4 | 145·7 | 57·4 | 55·0 | 5·9 | N | WNW | E | ESE | 90 |
| 15 | ·522 | ·425 | 80·7 | 87·6 | 90·3 | 57·9 | 32·4 | 150·7 | 60·4 | 50·0 | 7·9 | SW | W | WSW | WSW | 111 |
| 16 | ·538 | ·459 | 81·7 | 87·6 | 90·0 | 56·0 | 34·0 | 148·7 | 58·7 | 46·0 | 10·0 | WSW | WSW | W | WSW | 106 |
| 17 | ·608 | ·502 | 80·7 | 86·6 | 88·3 | 57·9 | 30·4 | 148·7 | 60·4 | 48·0 | 9·9 | W | WNW | WNW | WNW | 173 |
| 18 | ·550 | ·490 | 79·7 | 85·6 | 88·3 | 56·9 | 31·4 | 150·7 | 62·4 | 48·0 | 8·9 | WNW | NW | WNW | W | 214 |
| 19 | ·601 | ·472 | 79·7 | 87·6 | 89·3 | 53·0 | 36·3 | 149·7 | 60·4 | 40·0 | 13·0 | W | W | NNW | NNW | 161 |
| 20 | ·590 | ·473 | 83·7 | 90·6 | 92·3 | 57·9 | 34·4 | 157·7 | 65·4 | ? | ? | NNW | NNE | NNW | NNW | 183 |
| 21 | ·578 | ·454 | 83·7 | 89·6 | 92·3 | 59·9 | 32·4 | 159·7 | 67·4 | 43·0 | 16·9 | NNW | NNW | N | N | 247 |
| 22 | ·554 | ·415 | 85·6 | 91·6 | 94·3 | 65·9 | 28·4 | 141·7 | 47·4 | 50·0 | 15·9 | N | NNE | NNE | N | 334 |
| 23 | ·490 | ·411 | 87·6 | 92·5 | 94·3 | 64·9 | 29·4 | 160·7 | 66·4 | 52·0 | 12·9 | N | NE | NNW | NW | 258 |
| 24 | ·506 | ·388 | 87·6 | 93·5 | 95·3 | 62·9 | 32·4 | 155·7 | 60·4 | 47·0 | 15·9 | NW | NNW | NNW | NW | 175 |
| 25 | ·512 | ·388 | 88·6 | 93·7 | 95·3 | 56·9 | 38·4 | 157·7 | 62·4 | 42·5 | 14·4 | NW | WNW | ENE | Calm | 109 |
| 26 | ·459 | ·333 | 89·6 | 95·5 | 98·3 | 55·0 | 43·3 | 163·7 | 65·4 | 41·0 | 14·0 | E | ENE | WSW | SSW | 57 |
| 27 | ·392 | ·263 | 85·6 | 93·5 | 96·3 | 62·9 | 33·4 | 160·7 | 64·4 | 50·0 | 12·9 | SSW | SW | N | NW | 172 |
| 28 | ·369 | ·261 | 84·6 | 90·6 | 96·0 | 72·8 | 23·2 | 154·7 | 58·7 | 66·0 | 6·8 | NW | NNW | NE | SE | 148 |
| 29 | ·453 | ·318 | 72·7 | 80·7 | 88·3 | 64·9 | 23·4 | 144·7 | 56·4 | 56·0 | 8·9 | WNW | WNW | N | NNE | 198 |
| 30 | ·472 | ·417 | 76·7 | 89·6 | 91·3 | 59·9 | 31·4 | 148·7 | 57·4 | 49·0 | 10·9 | W | NE | NNW | N | 72 |
| 31 | ·538 | ·429 | 84·6 | 92·5 | 93·3 | 57·9 | 35·4 | 151·7 | 58·4 | 45·0 | 12·9 | NNE | NNE | SE | S | 99 |
| Mean | 29·513 | 29·406 | 82·7 | 89·9 | 92·4 | 59·6 | 32·8 | 152·2 | 59·8 | 49·2 | 7·2 | ... | ... | ... | ... | 137·2 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Minima. | 10 hours. | 16 hours. | From Minima. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 66·0 | 68·0 | 54·6 | ·444 | ·397 | ·398 | 43 | 29 | 84 | ... | 2 | 5 | Cs. | Cs. | Cs. |
| 2 | 67·0 | 70·0 | 56·6 | ·453 | ·445 | ·442 | 41 | 30 | 91 | ... | 0 | 3 | *b.* | Cs. | Cs. |
| 3 | 71·0 | 69·0 | 57·6 | ·564 | ·381 | ·446 | 46 | 24 | 85 | ... | 3 | 4 | Cs. | Cs. | Cs. |
| 4 | 66·0 | 68·0 | 55·6 | ·378 | ·370 | ·373 | 31 | 25 | 69 | ... | 0 | 0 | *b.* | *b.* ☄∞ | *b.* ☄∞ |
| 5 | 62·1 | 64·0 | 54·6 | ·271 | ·256 | ·305 | 24 | 18 | 51 | ... | 0 | 0 | *b.* | *b.* ☄∞ | *b.* ☄∞ |
| 6 | 59·1 | 62·1 | 46·7 | ·215 | ·219 | ·186 | 21 | 17 | 41 | ... | 0 | 0 | *b.* ☄ | *b.* ☄∞ | *b.* |
| 7 | 62·1 | 64·0 | 47·7 | ·311 | ·242 | ·260 | 30 | 17 | 64 | ... | 0 | 3 | *b.* | Cs. | Cs. |
| 8 | 63·1 | 65·0 | 49·9 | ·304 | ·277 | ·313 | 26 | 19 | 77 | ... | 0 | 7 | *b.* | Cs. | Cs. |
| 9 | 64·0 | 66·0 | 52·6 | ·322 | ·286 | ·341 | 27 | 19 | 72 | ... | 3 | 4 | Cs. | Cs. | Cs. |
| 10 | 64·0 | 67·0 | 51·6 | ·334 | ·321 | ·339 | 29 | 21 | 78 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 63·3 | 65·0 | 53·6 | ·256 | ·211 | ·333 | 19 | 12 | 65 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 64·0 | 67·0 | 53·6 | ·401 | ·347 | ·343 | 41 | 24 | 68 | ... | 8 | 7 | Pc. | Pc. | Pc. ☄∞ |
| 13 | 61·1 | 63·1 | 67·5 | ·359 | ·384 | ·643 | 42 | 41 | 88 | ... | 9 | 8 | Pc. ☄ | Pc. ☄∞ | Pc. |
| 14 | 63·1 | 65·0 | 56·6 | ·371 | ·343 | ·403 | 38 | 28 | 74 | ... | 4 | 3 | K. | K. | K. |
| 15 | 65·0 | 67·0 | 54·6 | ·409 | ·387 | ·384 | 40 | 30 | 79 | ... | 2 | 4 | K. | K. | K. *b.* ☄∞ |
| 16 | 62·1 | 63·1 | 51·6 | ·298 | ·252 | ·325 | 28 | 19 | 72 | ... | 0 | 0 | *b.* | *b.* ☄∞ | *b.* |
| 17 | 58·2 | 61·1 | 49·7 | ·186 | ·200 | ·250 | 18 | 16 | 53 | ... | 0 | 0 | *b.* ☄ | *b.* ☄∞ | *b.* ☄∞ |
| 18 | 55·1 | 60·1 | 47·7 | ·109 | ·182 | ·211 | 11 | 15 | 46 | ... | 0 | 0 | *b.* ☄ | *b.* ☄∞ | *b.* ☄∞ |
| 19 | 56·1 | 58·1 | 44·7 | ·138 | ·093 | ·188 | 4 | 7 | 45 | ... | 0 | 0 | *b.* | *b.* ☄∞ | *b.* |
| 20 | 58·1 | 59·1 | 46·7 | ·145 | ·110 | ·173 | 12 | 6 | 37 | ... | 0 | 0 | *b.* | *b.* ☄∞ | *b.* ☄∞ |
| 21 | 60·1 | 63·1 | 47·7 | ·207 | ·225 | ·172 | 18 | 16 | 34 | ... | 0 | 0 | *b.* ☄ | *b.* ☄∞ | *b.* ☄∞ |
| 22 | 58·1 | 62·1 | 54·6 | ·120 | ·165 | ·278 | 9 | 11 | 43 | ... | 0 | 0 | *b* ☄∞ | *b.* ☄∞ | *b.* ☄∞ |
| 23 | 60·1 | 63·1 | 50·6 | ·288 | ·186 | ·181 | 30 | 12 | 29 | ... | 0 | 0 | *b.* ☄∞ | *b.* ☄∞ | *b.* ☄∞ |
| 24 | 60·1 | 63·1 | 50·6 | ·155 | ·173 | ·208 | 11 | 10 | 36 | ... | 3 | 0 | Cs. ☄ | *b.* ☄∞ | *b.* ☄∞ |
| 25 | 61·1 | 63·3 | 49·9 | ·173 | ·177 | ·268 | 12 | 10 | 58 | ... | 0 | 3 | *b.* | Cs. ☄∞ | Cs. |
| 26 | 62·1 | 66·0 | 50·6 | ·192 | ·245 | ·312 | 13 | 15 | 71 | ... | 3 | 4 | Cs. | Cs. | Cs. |
| 27 | 65·0 | 69·0 | 53·6 | ·343 | ·381 | ·290 | 28 | 24 | 50 | ... | 6 | 3 | Cs. ☄∞ | Cs. ☄∞ | Cs. ☄∞ *t.* ☇ |
| 28 | 68·0 | 68·0 | 62·5 | ·464 | ·383 | ·430 | 39 | 27 | 53 | ... | 3 | 8 | K. ☄ | Pk. | Pk. ☇ *r.* |
| 29 | 67·0 | 69·0 | 62·5 | ·587 | ·553 | ·535 | 74 | 53 | 87 | 0·16 | 10 | 0 | Pc. ☄∞ | Pc. ☄∞ | *b.* ∞ ☇ *lr* |
| 30 | 67·0 | 64·0 | 58·5 | ·533 | ·256 | ·474 | 59 | 18 | 91 | 0·06 | 0 | 0 | *b.* | *b.* | *b.* |
| 31 | 64·0 | 63·1 | 52·6 | ·322 | ·186 | ·328 | 27 | 12 | 67 | ... | 0 | 0 | *b.* | *b.* ☄∞ | *b.* ☄∞ |
| Mean | 62·7 | 64·7 | 53·1 | ·311 | ·278 | ·327 | 29 | 20 | 63 | Total 0·22 | 1·81 | 2·13 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 ohurs. | Total miles. |
| 1 | 28·953 | 29·024 | 28·941 | 29·006 | 28·981 | 60·4 | 74·1 | 79·4 | 69·1 | 70·7 | 79·8 | 59·8 | 20·0 | 0 | 111·5 | 31·7 | 51·8 | 8·0 | Calm | SE | E | E | 61·2 |
| 2 | ·966 | ·076 | 29·009 | ·067 | 29·030 | 66·1 | 74·1 | 88·4 | 74·8 | 75·9 | 89·1 | 64·0 | 25·1 | 7·6 | 149·0 | 59·9 | 60·7 | 3·3 | E | E | E | E | 148·0 |
| 3 | 29·067 | ·146 | ·036 | ·106 | ·089 | 63·8 | 76·7 | 87·2 | 71·1 | 74·7 | 88·9 | 63·0 | 25·9 | 6·7 | 158·5 | 69·6 | 59·7 | 3·3 | E | S | SE | E | 160·3 |
| 4 | ·037 | ·145 | ·056 | ·135 | ·093 | 60·7 | 75·1 | 88·2 | 63·2 | 71·8 | 88·7 | 57·0 | 31·7 | 10·2 | 151·0 | 62·3 | 48·6 | 8·4 | E | W | W | Calm | 95·2 |
| 5 | ·103 | ·166 | ·025 | ·095 | ·097 | 57·2 | 75·1 | 85·7 | 65·1 | 70·8 | 86·6 | 53·0 | 33·6 | 10·9 | 150·0 | 63·4 | 39·7 | 13·3 | Calm | WNW | NW | W | 86 6 |
| 6 | ·037 | ·115 | ·036 | ·114 | ·075 | 54·2 | 76·2 | 88·2 | 61·0 | 69·9 | 89·9 | 52·8 | 37·1 | 9·8 | 159·0 | 69·1 | 38·4 | 14·4 | W | NW | WNW | Calm | 105·6 |
| 7 | ·128 | ·260 | ·146 | ·201 | ·184 | 49·2 | 77·2 | 85·6 | 66·7 | 69·7 | 88·1 | 47·1 | 41·0 | 8·2 | 153·3 | 65·2 | 35·8 | 11·3 | Calm | Calm | Calm | Calm | 32·2 |
| 8 | ·157 | .209 | ·095 | ·141 | ·151 | 62·2 | 79·2 | 86·2 | 64·0 | 72·9 | 89·7 | 57·0 | 32·7 | 7·4 | 155·0 | 65·3 | 45·7 | 11·3 | E | SE | S | Calm | 89·7 |
| 9 | ·115 | ·159 | ·053 | ·076 | ·101 | 55·8 | 77·7 | 88·2 | 64·2 | 71·5 | 89·1 | 53·0 | 36·1 | 10·8 | 154·0 | 64·9 | 42·9 | 10·1 | Calm | E | E | Calm | 78·0 |
| 10 | ·005 | ·051 | 28·957 | ·013 | ·007 | 59·5 | 75·6 | 90·2 | 66·1 | 72·8 | 90·1 | 58·0 | 32·1 | 9·8 | 153·5 | 63·4 | 48·0 | 10·0 | E | SE | SE | Calm | 96·0 |
| 11 | ·008 | ·057 | ·992 | ·032 | ·022 | 52·2 | 72·1 | 87·2 | 67·6 | 69·8 | 86·6 | 49·5 | 37·1 | 5·0 | 150·0 | 63·4 | 40·9 | 8·6 | Calm | WSW | SSW | Calm | 39·2 |
| 12 | 28·992 | ·028 | 29·022 | ·116 | ·040 | 63·0 | 77·0 | 78·2 | 69·9 | 72·0 | 84·3 | 59·0 | 25·3 | 1·8 | 144·0 | 59·7 | 50·1 | 8·9 | E | S | E | E | 88·0 |
| 13 | 29·057 | ·078 | 28·970 | ·063 | ·042 | 60·7 | 72·1 | 72·6 | 64·2 | 67·4 | 78·0 | 58·0 | 20·0 | 3·3 | 138·0 | 60·0 | 51·8 | 6·2 | E | E | N | E | 234·5 |
| 14 | ·080 | ·146 | 29·096 | ·177 | ·125 | 58·7 | 69·1 | 75·9 | 62·2 | 66·5 | 76·0 | 55·5 | 20·5 | 5·0 | 144·0 | 68·0 | 46·8 | 8·7 | NNW | W | W | E | 138·7 |
| 15 | ·144 | ·259 | ·153 | ·256 | ·203 | 52·5 | 69·1 | 75·1 | 60·7 | 64·4 | 77·0 | 50·0 | 27·0 | 9·5 | 143·0 | 66·0 | 40·9 | 9·1 | E | N | NW | W | 132·0 |
| 16 | ·182 | ·277 | ·214 | ·261 | ·234 | 54·0 | 67·1 | 78·4 | 58·2 | 64·4 | 79·0 | 50·0 | 29·0 | 11·1 | 145·5 | 66·5 | 39·9 | 10·1 | N | NW | NW | Calm | 147·3 |
| 17 | ·238 | ·314 | ·218 | ·266 | ·259 | 50·0 | 72·6 | 81·7 | 61·2 | 66·4 | 82·1 | 47·6 | 34·5 | 11·4 | 148·2 | 66·1 | 35·4 | 12·2 | Calm | NW | NW | W | 82·9 |
| 18 | ·221 | ·279 | ·195 | ·226 | ·230 | 51·2 | 75·1 | 83·7 | 58·0 | 67·0 | 84·1 | 48·3 | 35·8 | 11·7 | 152·0 | 67·9 | 35·8 | 12·5 | W | NW | NW | Calm | 89·1 |
| 19 | ·191 | ·278 | ·181 | ·220 | ·218 | 49·0 | 75·6 | 85·6 | 59·7 | 67·5 | 86·1 | 46·1 | 40·0 | 11·4 | 152·0 | 65·9 | 35·8 | 10·3 | Calm | NW | W | Calm | 64·1 |
| 20 | ·186 | ·285 | ·199 | ·239 | ·227 | 59·7 | 78·2 | 86·4 | 63·7 | 72·0 | 88·8 | 54·0 | 34·8 | 11·3 | 153·3 | 64·5 | 40·9 | 13·1 | N | NE | NW | Calm | 93·4 |
| 21 | ·220 | ·286 | ·194 | ·228 | ·232 | 53·6 | 80·2 | 88·8 | 65·1 | 71·9 | 89·9 | 50·5 | 39·4 | 11·4 | 153·0 | 63·1 | 39·4 | 11·1 | Calm | N | NW | W | 89·9 |
| 22 | ·180 | ·228 | ·150 | ·177 | ·184 | 57·2 | 79·7 | 90·2 | 63·2 | 72·6 | 91·1 | 54·0 | 37·1 | 11·6 | 154·4 | 63·3 | 40·9 | 13·1 | W | NW | NW | Calm | 102·1 |
| 23 | ·154 | ·180 | ·115 | ·158 | ·152 | 55·2 | 84·2 | 92·2 | 61·7 | 73·3 | 92·9 | 51·0 | 41·9 | 11·7 | 157·0 | 64·1 | 39·4 | 11·6 | Calm | NW | SE | Calm | 97·0 |
| 24 | ·134 | ·173 | ·059 | ·096 | ·116 | 53·2 | 82·7 | 91·2 | 60·2 | 71·8 | 92·6 | 51·0 | 41·6 | 11·8 | 157·0 | 64·4 | 36·9 | 14·1 | N | NW | NW | Calm | 94·6 |
| 25 | 074 | ·122 | ·006 | ·029 | ·058 | 50·7 | 80·2 | 93·2 | 63·2 | 71·8 | 94·1 | 48·0 | 46·1 | 11·1 | 159·0 | 64·9 | 36·3 | 11·7 | Calm | NW | Calm | Calm | 46·4 |
| 26 | 28·962 | ·023 | 28·927 | 28·946 | 28·965 | 55·0 | 86·2 | 90·0 | 74·6 | 76·5 | 91·1 | 53·5 | 37·6 | 7·4 | 166·0 | 74·9 | 42·9 | 10·6 | Calm | SE | NE | E | 52·0 |
| 27 | ·900 | 28·939 | ·815 | ·865 | ·880 | 65·6 | 76·7 | 90·7 | 71·1 | 76·0 | 90·6 | 65·0 | 25·6 | 3·6 | 148·0 | 57·4 | 56·7 | 8·3 | E | NE | W | W | 106·5 |
| 28 | ·853 | ·886 | ·767 | ·837 | ·836 | 62·7 | 78·2 | 89·8 | 72·1 | 75·7 | 90·8 | 58·0 | 32·8 | 5·3 | 149·5 | 58·7 | 50·8 | 7·2 | E | NE | W | NW | 77·0 |
| 29 | ·838 | ·925 | ·811 | ·953 | ·882 | 58·0 | 65·9 | 80·2 | 66·1 | 67·5 | 80·0 | 54·0 | 26·0 | 6·5 | 147·0 | 67·0 | 45·9 | 8·1 | W | W | NW | NE | 161·1 |
| 30 | ·963 | 29·069 | 29·057 | 29·147 | 29·059 | 59·2 | 71·6 | 80·0 | 68·1 | 69·7 | 80·0 | 57·6 | 22·4 | 0 | 138·0 | 58·0 | 51·3 | 6·3 | E | ESE | W | Calm | 106·7 |
| 31 | 29·161 | ·236 | ·144 | ·205 | ·187 | 58·7 | 77·2 | 85·2 | 64·2 | 71·3 | 85·9 | 55·5 | 30·4 | 6·2 | 150·0 | 64·1 | 44·9 | 10·6 | Calm | NW | N | Calm | 88·1 |
| Mean | 29·074 | 29·142 | 29·053 | 29·111 | 29·095 | 57·1 | 75·9 | 85·3 | 65·2 | 70·8 | 86·5 | 54·2 | 32·3 | Total 249·5 | 149·8 | 63·3 | 44·4 | 9·9 | ... | ... | ... | ... | 99·5 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 57·2 | 64·2 | 67·2 | 62·2 | 62·7 | 56·9 | ·428 | ·469 | ·504 | ·469 | ·467 | ·427 | 81 | 55 | 51 | 65 | 63 | 82 | ... | 3 | 8 | 10 | 2 | Cs.Pc. *g.* | Pc. *g.* | Ck. *c.* |
| 2 | 60·7 | 64·2 | 69·2 | 63·0 | 64·3 | 59·5 | ·461 | ·470 | ·457 | ·420 | ·452 | ·450 | 71 | 55 | 34 | 48 | 52 | 75 | ... | 0 | 5 | 3 | 6 | *b.* | Pc. ∞ | Pk. ∞ |
| 3 | 58·0 | 62·7 | 64·2 | 60·2 | 61·3 | 56·1 | ·407 | ·384 | ·294 | ·378 | ·366 | ·360 | 68 | 42 | 23 | 49 | 45 | 62 | ... | 6 | 8 | 10 | 4 | Pk. Cs. ∞ | Pk. ∞ | Pk. ∞ |
| 4 | 54·3 | 61·2 | 63·2 | 54·3 | 58·3 | 51·6 | ·339 | ·346 | ·247 | ·306 | ·310 | ·313 | 63 | 40 | 18 | 52 | 43 | 66 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 49·3 | 59·7 | 61·2 | 52·8 | 55·8 | 47·1 | ·248 | ·309 | ·215 | ·238 | ·252 | ·247 | 52 | 35 | 17 | 39 | 36 | 61 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 44·9 | 56·7 | 63·2 | 52·1 | 54·2 | 43·4 | ·177 | ·203 | ·247 | ·273 | ·225 | ·159 | 42 | 23 | 18 | 50 | 33 | 39 | ... | 0 | 0 | 8 | 0 | *b.* | Pc.Cs. *c.* ∞ | *b.* |
| 7 | 45·6 | 59·2 | 62·2 | 57·2 | 56·1 | 43·9 | ·260 | ·266 | ·249 | ·343 | ·279 | ·246 | 75 | 28 | 20 | 52 | 44 | 76 | ... | 0 | 4 | 10 | 10 | *b.* | Cs.Pc. *o.* | Pc. *o.* |
| 8 | 54·3 | 60·7 | 60·2 | 56·9 | 58·0 | 52·1 | ·319 | ·286 | ·177 | ·371 | ·288 | ·326 | 56 | 29 | 14 | 63 | 41 | 69 | ... | 4 | 8 | 6 | 0 | Ck. *c.* | Pk.Cs. ∞ | *b.* |
| 9 | 51·3 | 62·2 | 65·2 | 55·6 | 58·6 | 48·1 | ·320 | ·354 | ·315 | ·329 | ·329 | ·273 | 71 | 37 | 23 | 55 | 46 | 68 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 50·3 | 59·5 | 66·2 | 64·5 | 57·6 | 48·9 | ·244 | ·296 | ·323 | ·273 | ·284 | ·227 | 47 | 33 | 23 | 42 | 36 | 47 | ... | 0 | 0 | 7 | 0 | *b.* | Pk. *c.* ∞ | *b.* |
| 11 | 47·3 | 60·2 | 64·2 | 58·2 | 57·5 | 46·1 | ·263 | ·364 | ·294 | ·362 | ·321 | ·268 | 66 | 46 | 23 | 53 | 47 | 75 | ... | 3 | 8 | 8 | 10 | Cs. *c.* | Pc. ∞ | Pc. *o.* |
| 12 | 53·3 | 59·2 | 60·2 | 58·2 | 57·7 | 51·9 | ·280 | ·268 | ·284 | ·332 | ·291 | ·294 | 48 | 28 | 29 | 46 | 38 | 59 | ... | 10 | 7 | 10 | 10 | Pc. *o.* | Pc. *o. g.* | Pc. *g.* |
| 13 | 55·3 | 60·7 | 61·2 | 55·6 | 58·2 | 53·4 | ·367 | ·381 | ·390 | ·329 | ·367 | ·349 | 68 | 48 | 48 | 55 | 55 | 72 | ... | 0 | 8 | 10 | 0 | *b.* | Pk. *o.* | ∞ |
| 14 | 52·8 | 60·2 | 61·2 | 54·3 | 57·1 | 51·1 | ·322 | ·404 | ·346 | ·319 | ·348 | ·319 | 65 | 56 | 39 | 56 | 54 | 71 | ... | 0 | 6 | 4 | 0 | ∞ | Pc. ∞ | ∞ |
| 15 | 50·3 | 57·7 | 60·0 | 52·8 | 55·2 | 48·6 | ·337 | ·327 | ·318 | ·297 | ·320 | ·325 | 85 | 46 | 37 | 56 | 56 | 90 | ... | 0 | 0 | 0 | 10 | ∞ | ∞ | Pc. *g.* |
| 16 | 50·1 | 57·2 | 60·2 | 53·3 | 55·2 | 47·1 | ·312 | ·339 | ·281 | ·344 | ·319 | ·287 | 74 | 50 | 29 | 70 | 56 | 79 | 0·05 | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 47·3 | 57·2 | 56·5 | 49·8 | 52·7 | 45·4 | ·292 | ·266 | ·124 | ·209 | ·223 | ·276 | 81 | 33 | 12 | 38 | 41 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 45·4 | 55·8 | 58·2 | 51·1 | 52·6 | 44·4 | ·229 | ·191 | ·148 | ·286 | ·214 | ·243 | 60 | 22 | 12 | 58 | 38 | 71 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 44·4 | 57·2 | 59·0 | 51·3 | 53·0 | 42·9 | ·233 | ·226 | ·147 | ·268 | ·218 | ·235 | 66 | 25 | 12 | 51 | 38 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 47·3 | 59·7 | 59·4 | 52·3 | 54·7 | 45·5 | ·164 | ·268 | ·149 | ·243 | ·206 | ·195 | 31 | 28 | 11 | 40 | 28 | 45 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 47·3 | 58·7 | 61·2 | 51·6 | 54·7 | 45·1 | ·245 | ·210 | ·174 | ·205 | ·208 | ·230 | 58 | 21 | 12 | 33 | 31 | 62 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 47·3 | 60·2 | 62·7 | 53·3 | 55·9 | 46·1 | ·197 | ·264 | ·204 | ·277 | ·236 | ·209 | 41 | 26 | 14 | 47 | 32 | 49 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 47·3 | 59·7 | 62·2 | 51·1 | 55·1 | 45·7 | ·223 | ·188 | ·161 | ·237 | ·202 | ·239 | 50 | 16 | 10 | 43 | 30 | 64 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 45·4 | 59·2 | 61·2 | 51·8 | 54·4 | 43·1 | ·202 | ·187 | ·142 | ·276 | ·202 | ·175 | 49 | 17 | 9 | 52 | 32 | 46 | ... | 0 | 0 | 1 | 0 | *b.* | Pc. *b.* | *b.* |
| 25 | 45·7 | 61·2 | 63·7 | 54·9 | 56·4 | 42·5 | ·243 | ·289 | ·197 | ·323 | ·263 | ·201 | 66 | 28 | 13 | 56 | 41 | 60 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 49·5 | 61·2 | 64·2 | 56·9 | 58·0 | 48·1 | ·282 | ·209 | ·257 | ·230 | ·245 | ·266 | 65 | 24 | 18 | 27 | 34 | 64 | ... | 0 | 2 | 4 | 0 | *b.* | Cs.Ck. *c.* | *b.* |
| 27 | 54·8 | 59·7 | 66·7 | 59·2 | 60·1 | 52·9 | ·288 | ·288 | ·334 | ·346 | ·314 | ·242 | 45 | 31 | 23 | 45 | 36 | 40 | ... | 4 | 9 | 8 | 0 | Cs.Pc.*c.* | Pk. *c.* ∞ | ∞ |
| 28 | 55·8 | 63·2 | 65·2 | 51·3 | 58·9 | 53·1 | ·355 | ·381 | ·294 | ·105 | ·284 | ·341 | 62 | 39 | 21 | 12 | 34 | 70 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 29 | 45·7 | 51·3 | 55·3 | 51·3 | 50·9 | 42·9 | ·147 | ·187 | ·109 | ·184 | ·157 | ·132 | 30 | 29 | 10 | 29 | 25 | 32 | ... | 0 | 5 | 0 | 7 | *b.* | Pc. Cs. ∞ | Pc. |
| 30 | 49·6 | 54·3 | 57·7 | 55·1 | 54·2 | 48·1 | ·230 | ·194 | ·182 | ·264 | ·218 | ·212 | 46 | 24 | 18 | 38 | 31 | 44 | ... | 0 | 6 | 5 | 0 | ∞ | Pc. ∞ | Pc. ∞ |
| 31 | 49·0 | 57·7 | 59·2 | 53·1 | 54·7 | 47·6 | ·221 | ·219 | ·159 | ·258 | ·214 | ·227 | 44 | 24 | 13 | 43 | 31 | 51 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| Mean. | 50·2 | 59·4 | 62·0 | 54·7 | 56·6 | 48·4 | ·279 | ·291 | ·249 | ·293 | ·278 | ·268 | 59 | 33 | 21 | 47 | 40 | 63 | Total 0·05 | 0·97 | 2·71 | 3·35 | 1·90 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·780 | 28·658 | 89·2 | 100·1 | 101·7 | 65·9 | 35·8 | 157·9 | 56·2 | 48 8 | 17·1 | NW | NNW | WNW | NNW | 203 |
| 2 | ·890 | ·744 | 87·0 | 100·0 | 101·5 | 64·5 | 37·0 | 160·4 | 58·9 | 44·7 | 19·8 | N | N | NW | N | 134 |
| 3 | ·944 | ·792 | 91·4 | 99·4 | 101·4 | 68·3 | 33·1 | 160·1 | 58·7 | 51·9 | 16·4 | N | N | NNW | NE | 160 |
| 4 | ·901 | ·732 | 91·1 | 100·7 | 101·7 | 66·6 | 35·1 | 159·9 | 58·2 | 51·2 | 15·4 | NW | N | WNW | NNW | 121 |
| 5 | ·835 | ·668 | 90·1 | 99·7 | 101·4 | 65·7 | 35·7 | 156·9 | 55·5 | 51·3 | 14·4 | NNW | WNW | WNW | NNW | 153 |
| 6 | ·867 | ·714 | 88·0 | 98·0 | 99·5 | 60·3 | 39·2 | 157·6 | 58·1 | 45·9 | 14·4 | ENE | NNE | W | NNW | 141 |
| 7 | ·958 | ·785 | 85·1 | 95·4 | 96·7 | 60·6 | 36·1 | 157·7 | 61·0 | 40·9 | 19·7 | N | NE | NNW | N | 152 |
| 8 | ·935 | ·767 | 86·2 | 94·4 | 96·2 | 60·3 | 35·9 | 156·4 | 60·2 | 41·8 | 18·5 | N | ENE | NE | S | 123 |
| 9 | ·897 | ·748 | 85·4 | 96·0 | 98·0 | 63·3 | 34·7 | 154·9 | 56·9 | 42·8 | 20·5 | N | SE | SW | S | 125 |
| 10 | ·853 | ·675 | 87·2 | 99·0 | 101 0 | 62·5 | 38·5 | 158·0 | 57·0 | 46·2 | 16·3 | NNW | NE | WNW | NNW | 142 |
| 11 | ·810 | ·673 | 90·4 | 98·4 | 100·7 | 73·1 | 27·6 | 159·9 | 59·2 | 54·4 | 18·7 | NW | NW | ? | NNW | 141 |
| 12 | ·856 | ·711 | 90·2 | 98·0 | 99·7 | 64·2 | 35·5 | 158·8 | 59·1 | 48·4 | 15·8 | ESE | NNW | SW | WSW | 127 |
| 13 | ·864 | ·717 | 89·0 | 99·1 | 101·0 | 69·2 | 31·8 | 159·0 | 58·0 | 55·8 | 13·4 | W | SSW | SW | NW | 202 |
| 14 | ·914 | ·771 | 86·9 | 95·2 | 97·2 | 73·1 | 24·1 | 159·4 | 62·2 | 59·0 | 14·1 | NNW | NNW | NW | NNW | 187 |
| 15 | ·893 | ·753 | 85·2 | 98·0 | 100·7 | 67·0 | 33·7 | 158·4 | 57·7 | 51·9 | 15·1 | NNW | N | WNW | NW | 137 |
| 16 | ·883 | ·732 | 85·4 | 93·5 | 96·7 | 67·1 | 29·6 | 154·9 | 58 2 | 51·4 | 15·7 | ENE | NNW | WSW | WNW | 160 |
| 17 | ·890 | ·742 | 87·2 | 96·2 | 98·0 | 63·2 | 34·8 | 157·0 | 59·0 | 46·4 | 16·8 | NE | ENE | WNW | NW | 125 |
| 18 | ·905 | ·755 | 87·2 | 94·7 | 96·5 | 68·9 | 27·6 | 154·7 | 58·2 | 53·6 | 15·3 | N | NE | NE | NNE | 172 |
| 19 | ·901 | ·718 | 87·2 | 97·0 | 97·4 | 69·2 | 28·2 | 153·3 | 55·9 | 51·0 | 18·2 | NNE | ENE | SSW | NE | 166 |
| 20 | ·887 | ·715 | 88·3 | 98·2 | 100·3 | 72·0 | 28·3 | 157·7 | 57·4 | 57·8 | 14·2 | NNE | ESE | SSW | NE | 191 |
| 21 | ·902 | ·749 | 89·1 | 96·2 | 99·6 | 71·6 | 28·0 | 162·1 | 62·5 | 56·8 | 14·8 | NNE | E | SW | NNE | 130 |
| 22 | ·905 | ·760 | 90·3 | 98·0 | 99·3 | 71·9 | 27·4 | 154·7 | 55·4 | 56·2 | 15·7 | NNE | ENE | SE | NE | 155 |
| 23 | ·886 | ·743 | 90·2 | 99·2 | 101·3 | 70·0 | 31·3 | 157·2 | 55·9 | 54·9 | 15·1 | N | ENE | W | NW | 108 |
| 24 | ·866 | ·702 | 87·2 | 99·0 | 101·0 | 74·9 | 26·1 | 156·4 | 55·4 | 61·6 | 13·3 | N | E | NNW | SSW | 116 |
| 25 | ·854 | ·682 | 91·0 | 102·2 | 104·1 | 71·6 | 32·5 | 166·7 | 62·6 | 58·8 | 12·8 | SSE | W | WNW | NW | 155 |
| 26 | ·787 | ·632 | 89·2 | 100·4 | 102·2 | 70·6 | 31·6 | 162·4 | 60·2 | 55·7 | 14·9 | NW | NW | NW | W | 252 |
| 27 | ·778 | ·607 | 91·0 | 99·7 | 101·1 | 66·0 | 35 1 | 161·0 | 59·9 | 48·9 | 17·1 | NW | NNW | N | SSW | 136 |
| 28 | ·723 | ·571 | 94·2 | 103·0 | 105·4 | 72·1 | 33·3 | 163·4 | 58·0 | 54·9 | 17·2 | WNW | WNW | WSW | W | 246 |
| 29 | ·734 | ·587 | 91·2 | 99·7 | 101·3 | 70·3 | 31·0 | 160·4 | 159·1 | 54·9 | 15·4 | W | WNW | ? | WNW | 158 |
| 30 | ·775 | ·646 | 89·9 | 96·7 | 99·3 | 72·4 | 26·9 | 160·6 | 61·3 | 56·3 | 16·1 | NW | NE | NNW | NW | 141 |
| 31 | ·823 | ·689 | 90·2 | 97·2 | 99·0 | 71·9 | 27·1 | 163·1 | 64·1 | 59·0 | 12·9 | N | NE | N | NE | 157 |
| Mean | 28·861 | 28·708 | 88·7 | 98·1 | 100·0 | 68·0 | 32·0 | 158·7 | 58·7 | 52·0 | 16·0 | ... | ... | ... | ... | 157·9 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 60·9 | 66·4 | 52·7 | ·187 | ·230 | ·233 | 13 | 12 | 37 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 62·1 | 65·8 | 51·1 | ·245 | ·213 | ·209 | 19 | 11 | 34 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 64·8 | 65·4 | 54·4 | ·288 | ·205 | ·253 | 19 | 10 | 37 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 64·9 | 66·9 | 53·6 | ·291 | ·241 | ·251 | 19 | 12 | 39 | ... | 0 | 3 | *b.* | C. *c.* | C. *c.* |
| 5 | 64·8 | 65·9 | 52·8 | ·303 | ·219 | ·243 | 21 | 11 | 38 | ... | 0 | 0 | *b* | *b.* | *b.* |
| 6 | 60·9 | 65·0 | 47·9 | ·202 | ·207 | ·181 | 15 | 11 | 34 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 57·1 | 61·9 | 46·9 | ·120 | ·139 | ·154 | 10 | 8 | 29 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 59·9 | 62·9 | 46·2 | ·193 | ·183 | ·139 | 15 | 11 | 27 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 59·9 | 62·9 | 48·0 | ·202 | ·165 | ·147 | 17 | 10 | 25 | ... | 0 | 1 | *b.* | C. *b.* | C. *b.* |
| 10 | 61·4 | 67·7 | 48·9 | ·227 | ·284 | ·181 | 17 | 15 | 32 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 64·7 | 65·9 | 55·1 | ·287 | ·235 | ·212 | 20 | 12 | 26 | ... | 1 | 3 | C. *b.* | C. *c.* | C. *c.* |
| 12 | 63·9 | 66·7 | 50·9 | ·270 | ·261 | ·212 | 18 | 14 | 35 | ... | 1 | 0 | C. *b.* | *b.* | *b.* |
| 13 | 68·8 | 68·4 | 54·4 | ·456 | ·313 | ·244 | 33 | 17 | 34 | ... | 0 | 5 | *b.* | C. Pc. *c.* | C.Pc. *c* |
| 14 | 62·9 | 67·3 | 57·3 | ·277 | ·324 | ·280 | 22 | 19 | 34 | ... | 6 | 3 | C. *c.* | C. Pc. *c.* | C.Pc. *c* |
| 15 | 61·9 | 66·9 | 53·9 | ·267 | ·275 | ·258 | 22 | 15 | 39 | ... | 4 | 7 | Ck. *c.* | C. Pc. *c.* | C.Pc. *c* |
| 16 | 60·5 | 66·4 | 53·3 | ·218 | ·314 | ·241 | 18 | 19 | 36 | ... | 0 | 0 | *b.* | *b.* | *b* |
| 17 | 61·9 | 66·9 | 50·8 | ·242 | ·297 | ·221 | 18 | 17 | 37 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 62·4 | 68·0 | 53·7 | ·258 | ·351 | ·223 | 20 | 21 | 32 | ... | 0 | 0 | *b.* | *b.* | *b* |
| 19 | 63·5 | 72·7 | 53·1 | ·291 | ·495 | ·206 | 22 | 28 | 29 | ... | 0 | 8 | *b.* | Pc. K. *c.* | Pc.K. *c.* |
| 20 | 68·4 | 68·9 | 54·9 | ·447 | ·343 | ·224 | 33 | 18 | 28 | ... | 0 | 7 | *b.* | Pc. K.Pk.*c.* | Pc.K.Pk.*c.* |
| 21 | 64·9 | 70·4 | 57·0 | ·316 | ·424 | ·287 | 22 | 25 | 37 | ... | 1 | 8 | C. *b.* | Pc. K Pk.*c.* | Pc.K.Pk.*c.* |
| 22 | 60·7 | 68·9 | 55·2 | ·162 | ·347 | ·227 | 12 | 19 | 29 | ... | 2 | 1 | Ck. *c.* | Ck. C. *b.* | Ck. C. *b.* |
| 23 | 63·1 | 69·0 | 54·6 | ·240 | ·331 | ·235 | 17 | 17 | 32 | ... | 3 | 4 | C. *c.* | Ck. *c.* | Ck. *c.* |
| 24 | 63·7 | 69·7 | 57·7 | ·294 | ·356 | ·262 | 23 | 19 | 30 | ... | 8 | 8 | Pc. *c.* | Pc. *c.* | Pc. *c* |
| 25 | 70·4 | 66·8 | 60·7 | ·490 | ·219 | ·392 | 33 | 10 | 51 | ... | 0 | 4 | *b.* | Pc. *c.* | Pc.C. *b.* |
| 26 | 63·4 | 65·9 | 54·9 | ·266 | ·210 | ·239 | 19 | 11 | 31 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 62·9 | 65·9 | 51·3 | ·227 | ·219 | ·200 | 16 | 11 | 31 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 68·6 | 68·4 | 54·1 | ·379 | ·266 | ·196 | 23 | 12 | 25 | ... | 0 | 3 | *b.* | Ck. *c.* | Ck.C. *b.* |
| 29 | 66·7 | 67·0 | 55·7 | ·346 | ·253 | ·263 | 24 | 13 | 35 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 67·1 | 67·9 | 59·6 | ·378 | ·326 | ·352 | 27 | 18 | 44 | ... | 0 | 7 | *b.* | Pc. K. *c.* | Pc.K. *c.* |
| 31 | 69·1 | 68·9 | 56·9 | ·447 | ·356 | ·281 | 32 | 20 | 36 | ... | 0 | 4 | *b.* | Pc. *c.* | Pc. *c.* |
| Mean. | 63·7 | 67·0 | 53·5 | ·284 | ·277 | ·234 | 21 | 15 | 34 | ... | 0·84 | 2·45 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·795 | 29·889 | 29·797 | 29·883 | 29·835 | 71·1 | 76·4 | 79·3 | 74·4 | 75·9 | 81·9 | 70·0 | 11·9 | 9·8 | 140·4 | 58·5 | 59·7 | 10·3 | N | WNW | WNW | NW | 176 |
| 2 | ·899 | ·956 | ·847 | ·944 | ·901 | 71·4 | 75·7 | 79·3 | 75·4 | 76·3 | 81·4 | 70·6 | 10·8 | 10·4 | 138·8 | 57·4 | 61·2 | 9·4 | NNE | ENE | NW | NNW | ·282 |
| 3 | ·926 | ·994 | ·847 | ·927 | ·915 | 74·4 | 79·5 | 79·3 | 76·4 | 78·0 | 83·3 | 71·6 | 11·7 | 10·5 | 138·8 | 55·5 | 62·5 | 9·1 | N | NNW | NNW | NNW | 14 |
| 4 | ·871 | ·929 | ·775 | ·874 | ·849 | 74·0 | 79·7 | 80·3 | 77·4 | 78·5 | 84·0 | 72·8 | 11·2 | 10·1 | 141·0 | 57·0 | 66·7 | 6·1 | N | NE | NNW | N | 428 |
| 5 | ·828 | ·879 | ·760 | ·835 | ·816 | 73·2 | 79·5 | 80·8 | 76·5 | 78·4 | 83·9 | 71·0 | 12·9 | 10·2 | 138·8 | 54·9 | 62·0 | 9·0 | NNE | NE | NNW | NNW | 343 |
| 6 | ·837 | ·907 | ·814 | ·919 | ·861 | 72·2 | 80·7 | 80·2 | 75·9 | 77·9 | 82·9 | 70·9 | 12·0 | 10·5 | 138·9 | 56·0 | 60·3 | 10·6 | NNE | NNW | NW | NNW | 271 |
| 7 | ·915 | ·979 | ·845 | ·927 | ·907 | 71·5 | 80·0 | 82·3 | 75·8 | 78·4 | 85·2 | 70·0 | 15·2 | 10·6 | 142·2 | 57·0 | 57·1 | 12·9 | NNE | NNW | NNW | NNW | 327 |
| 8 | ·874 | ·930 | ·807 | ·880 | ·863 | 70·4 | 77·8 | 79·9 | 74·6 | 76·8 | 82·4 | 69·0 | 13·4 | 10·6 | 139·8 | 57·4 | 58·4 | 10·6 | N | NNW | NW | NNW | 306 |
| 9 | ·838 | ·909 | ·810 | ·908 | ·858 | 71·4 | 78·3 | 81·0 | 74·6 | 77·3 | 83·2 | 70·6 | 12·6 | 10·5 | 141·0 | 57·8 | 60·4 | 10·2 | NNW | NNW | NW | WNW | 244 |
| 10 | ·863 | ·930 | ·812 | ·881 | ·863 | 72·4 | 78·3 | 81·3 | 76·1 | 77·8 | 83·1 | 71·4 | 11·7 | 9·5 | 140·9 | 57·8 | 61·1 | 10·3 | ESE | WSW | W | NW | 171 |
| 11 | ·849 | ·903 | ·808 | ·893 | ·854 | 73·2 | 78·2 | 81·4 | 75·5 | 77·7 | 82·9 | 72·0 | 10·9 | 10·0 | 141·0 | 58·1 | 62·0 | 10·0 | SE | NW | WNW | NNW | 189 |
| 12 | ·855 | ·901 | ·798 | ·889 | ·853 | 72·1 | 78·8 | 79·9 | 73·4 | 76·9 | 83·1 | 71·1 | 12·0 | 10·7 | 141·8 | 58·7 | 59·9 | 11·2 | NNE | ESE | WNW | WNW | 175 |
| 13 | ·879 | ·932 | ·835 | ·911 | ·883 | 72·5 | 78·5 | 81·8 | 75·4 | 78·0 | 82·9 | 71·5 | 11·4 | 10·6 | 140·4 | 57·5 | 61·5 | 10·0 | NE | ENE | NW | NW | 268 |
| 14 | ·895 | ·955 | ·867 | ·946 | ·910 | 73·4 | 79·5 | 81·7 | 75·4 | 78·2 | 84·0 | 73·0 | 11·0 | 9·2 | 142·1 | 58·1 | 64·0 | 9·0 | NNE | NNW | WNW | NNW | 314 |
| 15 | ·908 | ·957 | ·828 | ·904 | ·889 | 73·3 | 79·0 | 81·3 | 75·4 | 78·3 | 83·7 | 71·9 | 11·8 | 10·7 | 140·6 | 56·9 | 62·0 | 9·9 | NNE | NNW | NNW | NNW | 333 |
| 16 | ·895 | ·946 | ·833 | ·900 | ·885 | 72·8 | 78·5 | 79·9 | 73·9 | 77·2 | 83·0 | 72·0 | 11·0 | 10·8 | 140·7 | 57·7 | 62·2 | 9·8 | NNE | NNW | NW | N | 330 |
| 17 | ·891 | ·935 | ·808 | ·875 | ·868 | 71·4 | 79·2 | 82·4 | 78·4 | 78·7 | 84·6 | 70·2 | 14·4 | 11·0 | 141·6 | 57·0 | 59·7 | 10·5 | NNE | ENE | NW | N | 299 |
| 18 | ·841 | ·892 | ·769 | ·838 | ·827 | 73·6 | 81·8 | 84·5 | 78·4 | 80·9 | 88·6 | 71·7 | 16·9 | 10·8 | 145·7 | 57·1 | 59·1 | 12·6 | N | ENE | NNW | NNW | 322 |
| 19 | ·832 | ·895 | ·769 | 836 | ·825 | 73·8 | 80·5 | 81·5 | 76·3 | 78·8 | 88·4 | 71·6 | 16·8 | 10·6 | 141·6 | 53·2 | 60·1 | 11·5 | N | NW | WNW | NNW | 288 |
| 20 | ·839 | ·883 | ·737 | ·828 | ·811 | 74·0 | 80·2 | 81·4 | 77·4 | 79·1 | 85·1 | 72·0 | 13·1 | 10·6 | 140·4 | 55·3 | 60·1 | 11·9 | NNE | NW | NW | NNW | 291 |
| 21 | ·819 | ·881 | ·754 | ·838 | ·814 | 74·4 | 80·6 | 81·4 | 78·2 | 79·6 | 85·2 | 73·0 | 12·2 | 9·9 | 139·0 | 53·8 | 61·5 | 11·5 | N | NW | NW | NNW | 286 |
| 22 | ·825 | ·872 | ·752 | ·825 | ·812 | 75·3 | 82·5 | 82·6 | 79·2 | 80·6 | 87·3 | 75·0 | 12·3 | 10·3 | 145·6 | 58·3 | 64·5 | 10·5 | N | NW | NNW | NNW | 311 |
| 23 | ·782 | ·844 | ·750 | ·849 | ·799 | 76·3 | 84·3 | 82·7 | 80·2 | 81·6 | 87·7 | 74·4 | 13·3 | 7·5 | 143·0 | 55·3 | 64·7 | 9·7 | NNE | NNW | NNW | N | 260 |
| 24 | ·842 | ·911 | ·826 | ·925 | ·871 | 78·9 | 81·0 | 82·7 | 79·9 | 81·2 | 84·4 | 76·0 | 8·4 | 0·2 | 119·8 | 35·4 | 67·9 | 8·1 | W | S | SSW | SSW | 231 |
| 25 | ·904 | ·984 | ·870 | ·910 | ·914 | 77·6 | 82·5 | 83·5 | 77·4 | 81·2 | 87·2 | 76·8 | 10·4 | 10·2 | 142·8 | 55·6 | 67·9 | 8·9 | SSW | SSW | W | W | 210 |
| 26 | ·864 | ·925 | ·814 | ·849 | ·858 | 74·1 | 79·3 | 81·5 | 75·9 | 78·6 | 85·1 | 73·0 | 12·1 | 10·2 | 142·8 | 57·7 | 64·0 | 9·0 | W | S | WNW | WSW | 118 |
| 27 | ·834 | ·888 | ·771 | ·840 | ·826 | 74·1 | 80·3 | 82·4 | 77·3 | 79·3 | 85·2 | 73·0 | 12·2 | 11·1 | 143·9 | 58·7 | 62·4 | 10·6 | SE | SE | WSW | WSW | 202 |
| 28 | ·801 | ·858 | ·750 | ·807 | ·797 | 74·6 | 82·4 | 83·6 | 78·2 | 80·4 | 85·3 | 74·1 | 11·2 | 10·8 | 142·8 | 57·5 | 64·0 | 10·1 | ESE | S | SW | WSW | 248 |
| 29 | ·792 | ·854 | ·760 | ·822 | ·801 | 76·9 | 82·7 | 83·4 | 79·0 | 81·3 | 87·0 | 76·0 | 11·0 | 10·6 | 148·6 | 61·6 | 67·9 | 8·1 | SW | SW | WSW | SW | 224 |
| 30 | ·817 | ·887 | ·779 | ·854 | ·828 | 76·8 | 81·3 | 82·5 | 76·1 | 80·0 | 86·7 | 76·0 | 10·7 | 10·4 | 144·8 | 58·1 | 67·9 | 8·1 | WSW | W | W | WNW | 205 |
| 31 | ·842 | ·881 | ·773 | ·866 | ·829 | 73·4 | 79·5 | 81·7 | 77·3 | 78·7 | 83·9 | 72·0 | 11·9 | 9·6 | 142·4 | 58·5 | 62·9 | 9·1 | WNW | W | WNW | NW | 201 |
| Mean | 29·853 | 29·912 | 29·799 | 29·877 | 29·852 | 73·7 | 79·9 | 81·5 | 76·6 | 78·8 | 84·6 | 72·4 | 12·2 | Total 308·5 | 141·0 | 56·4 | 62·4 | 10·0 | ... | ... | ... | ... | 266·7 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 69·5 | 71·3 | 73·4 | 71·5 | 71·6 | 68·9 | ·701 | ·700 | ·744 | ·734 | ·719 | ·694 | 93 | 77 | 74 | 86 | 82 | 95 | ... | 1 | 3 | 0 | 6 | K. b | K. Ck. C. | K. Ck. |
| 2 | 69·5 | 71·7 | 73·7 | 71·8 | 72·0 | 68·9 | ·696 | ·724 | ·758 | ·733 | ·728 | ·685 | 90 | 82 | 76 | 84 | 83 | 91 | ... | 1 | 1 | 0 | 0 | K. b | K. Ck. | b. |
| 3 | 70·8 | 74·4 | 73·5 | 70·6 | 72·7 | 67·4 | ·707 | ·784 | ·749 | ·672 | ·728 | ·616 | 84 | 78 | 75 | 74 | 78 | 79 | ... | 0 | 0 | 0 | 0 | b. | b. 8 | b. |
| 4 | 71·6 | 69·8 | 71·4 | 71·5 | 71·4 | 67·7 | ·744 | ·596 | ·640 | ·693 | ·668 | ·611 | 88 | 58 | 62 | 74 | 70 | 76 | ... | 0 | 0 | 0 | 0 | b. b | C. 8 | b. |
| 5 | 69·6 | 68·6 | 72·9 | 71·1 | 71·1 | 66·8 | ·677 | ·553 | ·703 | ·689 | ·656 | ·603 | 83 | 55 | 67 | 75 | 70 | 79 | ... | 0 | 0 | 0 | 0 | b. b | b. | b. |
| 6 | 69·0 | 70·0 | 73·6 | 72·0 | 71·9 | 66·9 | ·667 | ·591 | ·741 | ·733 | ·683 | ·679 | 84 | 57 | 72 | 82 | 74 | 80 | ... | 0 | 0 | 0 | 0 | b. b | b. | b. |
| 7 | 63·4 | 69·9 | 74·9 | 69·7 | 70·6 | 62·1 | ·477 | ·597 | ·766 | ·645 | ·621 | ·453 | 62 | 58 | 69 | 73 | 66 | 61 | ... | 0 | 1 | 0 | 0 | b. b | Ck. C. | b. |
| 8 | 67·0 | 71·9 | 72·9 | 71·1 | 71·1 | 66·2 | ·617 | ·704 | ·716 | ·715 | ·688 | ·608 | 83 | 74 | 70 | 84 | 77 | 86 | ... | 0 | 0 | 0 | 0 | b. b | b. | b. |
| 9 | 69·6 | 73·5 | 73·4 | 72·5 | 72·7 | 68·5 | ·701 | ·762 | ·722 | ·772 | ·739 | ·671 | 92 | 79 | 68 | 90 | 83 | 90 | ... | 0 | 0 | 0 | 0 | b. b | Ck. C. | b. |
| 10 | 70·3 | 73·9 | 75·1 | 72·7 | 73·3 | 69·8 | ·715 | ·778 | ·789 | ·759 | ·761 | ·709 | 90 | 80 | 74 | 84 | 82 | 93 | ... | 0 | 0 | 0 | 0 | b. b | K. Ck. | b. |
| 11 | 71·5 | 73·1 | 73·9 | 70·5 | 72·5 | 70·8 | ·750 | ·748 | ·737 | ·681 | ·729 | ·739 | 92 | 78 | 69 | 77 | 79 | 94 | ... | 6 | 0 | 0 | 0 | K. Ck. C. | K. Ck. | b. |
| 12 | 68·8 | 72·6 | 71·7 | 68·3 | 70·6 | 67·9 | ·661 | ·718 | ·668 | ·625 | ·668 | ·641 | 84 | 73 | 66 | 76 | 74 | 84 | ... | 8 | 0 | 0 | 0 | K. Ck. C. | b. | b. |
| 13 | 68·7 | 72·1 | 72·5 | 71·8 | 71·6 | 67·6 | ·652 | ·702 | ·674 | ·732 | ·690 | ·624 | 82 | 72 | 62 | 84 | 75 | 81 | ... | 4 | 0 | 0 | 0 | K. Ck. | b. | b. |
| 14 | 70·8 | 73·5 | 75·3 | 71·5 | 73·1 | 70·0 | ·721 | ·746 | ·792 | ·720 | ·744 | ·695 | 88 | 74 | 73 | 82 | 80 | 86 | ... | 1 | 0 | 3 | 0 | K. Ck. | K. Ck. C. | b. |
| 15 | 69·5 | 71·7 | 71·1 | 66·4 | 70·3 | 68·9 | ·671 | ·680 | ·626 | ·528 | ·627 | ·668 | 82 | 69 | 59 | 60 | 68 | 85 | ... | 0 | 0 | 0 | 0 | Ck. C. | b. | b. |
| 16 | 69·6 | 71·3 | 70·7 | 68·1 | 70·2 | 66·2 | ·682 | ·671 | ·628 | ·612 | ·648 | ·568 | 85 | 69 | 61 | 73 | 72 | 72 | ... | 0 | 1 | 0 | 0 | K. Ck. | K. Ck. C. | b. |
| 17 | 66·6 | 69·3 | 73·2 | 69·5 | 70·5 | 65·6 | ·590 | ·583 | ·694 | ·602 | ·617 | ·570 | 77 | 58 | 63 | 61 | 64 | 78 | ... | 0 | 0 | 0 | 0 | Ck. b | b. | b. |
| 18 | 65·6 | 67·7 | 72·2 | 71·7 | 70·1 | 62·5 | ·524 | ·490 | ·626 | ·688 | ·582 | ·444 | 63 | 45 | 53 | 71 | 58 | 57 | ... | 0 | 0 | 0 | 0 | b. | b. | b. |
| 19 | 65·6 | 72·2 | 73·6 | 72·1 | 71·7 | 65·2 | ·521 | ·680 | ·723 | ·732 | ·664 | ·537 | 62 | 65 | 67 | 82 | 69 | 69 | ... | 0 | 0 | 0 | 0 | b. | b. | b. |
| 20 | 68·7 | 72·0 | 71·6 | 71·5 | 71·3 | 67·9 | ·632 | ·676 | ·644 | ·693 | ·661 | ·630 | 75 | 65 | 60 | 74 | 69 | 81 | ... | 0 | 0 | 0 | 0 | Ck. b | b. | b. |
| 21 | 66·7 | 74·4 | 72·7 | 73·4 | 72·5 | 66·1 | ·553 | ·768 | ·688 | ·760 | ·693 | ·550 | 65 | 73 | 65 | 79 | 70 | 67 | ... | 2 | 0 | 0 | 0 | K. Ck. | b. | Ck. |
| 22 | 70·7 | 76·0 | 72·4 | 74·3 | 73·2 | 70·3 | ·691 | ·811 | ·659 | ·783 | ·736 | ·679 | 79 | 73 | 60 | 78 | 73 | 78 | ... | 1 | 0 | 0 | 0 | K. Ck. | b. | b. |
| 23 | 72·5 | 72·6 | 74·3 | 73·9 | 73·6 | 71·3 | ·748 | ·645 | ·735 | ·753 | ·720 | ·727 | 83 | 55 | 65 | 73 | 69 | 86 | ... | 2 | 8 | 5 | 8 | K. Ck. | K. Ck. C. | K. Ck. C. |
| 24 | 75·1 | 76·2 | 78·3 | 77·2 | 77·1 | 70·1 | ·821 | ·849 | ·909 | ·898 | ·867 | ·657 | 83 | 79 | 81 | 88 | 83 | 73 | ... | 9 | 10 | 10 | 4 | K. Ck. | K.Ck.C.o. | K. Ck. C. |
| 25 | 75·3 | 78·3 | 78·0 | 74·8 | 77·1 | 74·3 | ·848 | ·912 | ·886 | ·829 | ·869 | ·815 | 90 | 82 | 77 | 89 | 84 | 88 | ... | 5 | 5 | 4 | 0 | K. Ck. | K. Ck. C. | K. |
| 26 | 71·5 | 73·7 | 73·5 | 71·9 | 72·9 | 70·1 | ·739 | ·758 | ·719 | ·729 | ·736 | ·698 | 88 | 76 | 67 | 82 | 78 | 86 | ... | 2 | 2 | 0 | 0 | K. | K. | b. |
| 27 | 70·5 | 73·3 | 74·3 | 72·9 | 73·0 | 69·8 | ·700 | ·727 | ·740 | ·751 | ·729 | ·687 | 84 | 70 | 67 | 80 | 76 | 86 | ... | 4 | 1 | 0 | 0 | K. | K. | b. |
| 28 | 71·9 | 75·1 | 76·6 | 73·5 | 74·5 | 70·8 | ·747 | ·774 | ·822 | ·764 | ·777 | ·711 | 87 | 70 | 72 | 79 | 77 | 85 | ... | 5 | 7 | 0 | 1 | K. | K. Ck. | K. Ck. |
| 29 | 72·2 | 74·5 | 74·9 | 73·7 | 74·2 | 71·5 | ·728 | ·744 | ·752 | ·762 | ·747 | ·713 | 78 | 66 | 65 | 77 | 71 | 79 | ... | 2 | 1 | 1 | 0 | K. | K. | K. |
| 30 | 72·5 | 73·6 | 73·4 | 70·6 | 72·8 | 71·7 | ·741 | ·726 | ·701 | ·676 | ·711 | ·720 | 81 | 68 | 63 | 75 | 72 | 81 | ... | 3 | 1 | 0 | 0 | K. Ck. | K. | b. |
| 31 | 69·3 | 72·6 | 72·2 | 71·4 | 71·6 | 68·8 | ·662 | ·709 | ·663 | ·690 | ·681 | ·662 | 81 | 70 | 61 | 73 | 72 | 84 | ... | 4 | 0 | 0 | 0 | K. Ck. | K. | b. |
| Mean. | 69·8 | 72·6 | 73·6 | 71·7 | 72·3 | 68·4 | ·680 | ·706 | ·723 | ·715 | ·706 | ·647 | 82 | 69 | 67 | 78 | 74 | 81 | ... | 1·94 | 1·32 | 0·74 | 0·61 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·897 | 29·773 | 29·891 | 29·843 | 87·1 | 83·6 | 78·8 | 81·0 | 93·5 | 70·3 | 23·2 | 147·4 | 53·9 | 65·6 | 4·7 | SSW | SSE | 91 | 121 | 212 |
| 2 | ·953 | ·841 | ·950 | ·905 | 83·8 | 83·7 | 76·8 | 78·4 | 87·6 | 70·0 | 17·6 | 141·1 | 53·5 | 67·6 | 2·4 | SSE | SE by S | 64 | 112 | 176 |
| 3 | 30·019 | ·882 | ·967 | ·943 | 83·0 | 83·8 | 75·0 | 77·4 | 86·3 | 68·5 | 17·8 | 140·9 | 54·6 | 66·0 | 2·5 | S by E | SE by S | 63 | 102 | 165 |
| 4 | 29·982 | ·832 | ·926 | ·899 | 84·4 | 84·2 | 74·1 | 77·5 | 88·3 | 67·9 | 20·4 | 143·3 | 55·0 | 64·6 | 3·3 | S by E | SE by S | 51 | 87 | 138 |
| 5 | ·925 | ·769 | ·858 | ·837 | 86·6 | 88·9 | 76·8 | 79·9 | 94·0 | 68·5 | 25·5 | 148·6 | 54·6 | 65·0 | 3·5 | SSW | SSE | 72 | 95 | 167 |
| 6 | ·911 | ·797 | ·907 | ·861 | 88·1 | 86·2 | 76·0 | 78·8 | 94·7 | 65·9 | 28·8 | 147·9 | 53·2 | 62·4 | 3·5 | SW by S | SSE | 74 | 103 | 177 |
| 7 | ·972 | ·830 | ·914 | ·892 | 84·9 | 83·8 | 77·8 | 78·8 | 89·0 | 69·1 | 19·9 | 140·8 | 51·8 | 65·4 | 3·7 | SSW | SE by S | 77 | 122 | 199 |
| 8 | ·946 | ·824 | ·938 | ·892 | 84·2 | 82·8 | 77·8 | 78·6 | 86·8 | 70·3 | 16·5 | 140·3 | 53·5 | 68·0 | 2·3 | S by E | SE by S | 63 | 135 | 198 |
| 9 | 30·004 | ·864 | ·944 | ·924 | 83·8 | 83·8 | 77·8 | 78·3 | 87·2 | 68·5 | 18·7 | 142·9 | 55·7 | 65·4 | 3·1 | SSE | SE by S | 53 | 112 | 165 |
| 10 | 29·968 | ·821 | ·892 | ·880 | 83·8 | 83·6 | 76·0 | 77·9 | 86·6 | 68·8 | 17·8 | 140·3 | 53·7 | 65·7 | 3·1 | SSE | SE by S | 57 | 118 | 175 |
| 11 | ·934 | ·809 | ·908 | ·872 | 83·0 | 82·8 | 77·0 | 77·9 | 86·3 | 69·5 | 16·8 | 140·1 | 53·8 | 65·6 | 3·9 | S by E | SSE | 64 | 132 | 196 |
| 12 | ·949 | ·834 | ·934 | ·895 | 83·8 | 82·8 | 74·0 | 77·3 | 87·0 | 69·4 | 17·6 | 141·5 | 54·5 | 66·5 | 2·9 | S by E | SSE | 65 | 100 | 165 |
| 13 | ·982 | ·856 | ·956 | ·919 | 84·2 | 83·8 | 77·8 | 78·6 | 87·0 | 69·5 | 17·5 | 140·3 | 53·3 | 66·4 | 3·1 | S by E | SE by S | 53 | 106 | 159 |
| 14 | ·988 | ·833 | ·933 | ·904 | 85·6 | 83·0 | 78·0 | 78·6 | 87·9 | 68·4 | 19·5 | 142·3 | 54·4 | 64·9 | 3·5 | SSE | SE by S | 60 | 108 | 168 |
| 15 | ·931 | ·790 | ·895 | ·859 | 86·8 | 84·4 | 78·8 | 80·2 | 88·5 | 71·6 | 16·9 | 143·9 | 55·4 | 68·6 | 3·0 | SSE | SE by S | 65 | 115 | 180 |
| 16 | ·915 | ·780 | ·893 | ·852 | 86·2 | 85·0 | 78·6 | 80·2 | 88·3 | 71·6 | 16·7 | 141·1 | 52·8 | 68·9 | 2·7 | SSE | SE | 62 | 110 | 172 |
| 17 | ·936 | ·809 | ·925 | ·879 | 85·4 | 84·8 | 77·8 | 80·0 | 88·5 | 72·6 | 15·9 | 141·4 | 52·9 | 69·3 | 3·3 | SE by S | SE by E | 60 | 104 | 164 |
| 18 | ·936 | ·816 | ·940 | ·870 | 83·2 | 83·8 | 75·4 | 77·6 | 86·5 | 68·7 | 17·8 | 148·5 | 62·0 | 65·3 | 3·4 | SE | SE by S | 46 | 81 | 127 |
| 19 | ·937 | ·832 | ·928 | ·890 | 85·8 | 83·8 | 78·0 | 78·8 | 88·5 | 68·3 | 20·2 | 141·6 | 53·1 | 65·1 | 3·2 | S by E | SE | 40 | 102 | 142 |
| 20 | ·932 | ·785 | ·898 | ·860 | 85·0 | 83·8 | 77·8 | 78·9 | 89·7 | 69·7 | 20·0 | 159·9 | 70·2 | 66·5 | 3·2 | SE | ESE | 34 | 81 | 115 |
| 21 | ·939 | ·778 | ·911 | ·863 | 81·8 | 87·0 | 79·0 | 79·6 | 88·4 | 71·5 | 16·9 | 141·1 | 52·7 | 67·9 | 3·6 | E | NE | 32 | 102 | 134 |
| 22 | ·919 | ·817 | ·910 | ·873 | 85·2 | 86·6 | 80·2 | 81·8 | 88·5 | 75·7 | 12·8 | 139·3 | 50·8 | 73·3 | 2·4 | NE by E | E by N | 78 | 88 | 166 |
| 23 | ·959 | 830 | ·947 | ·901 | 85·8 | 85·2 | 78·6 | 81·1 | 88·4 | 75·0 | 13·4 | 140·3 | 51·9 | 67·9 | 7·1 | E | SE by E | 36 | 87 | 123 |
| 24 | ·951 | ·825 | ·940 | ·895 | 83·8 | 84·4 | 79·2 | 80·0 | 88·4 | 73·5 | 14·9 | 139·1 | 50·7 | 71·3 | 2·2 | SE | SE | 49 | 100 | 149 |
| 25 | ·963 | ·800 | ·880 | ·867 | 85·8 | 87·0 | 80·0 | 81·5 | 93·3 | 73·8 | 19·5 | 143·2 | 49·9 | 72·3 | 1·5 | S | SSE | 70 | 103 | 173 |
| 26 | ·907 | ·757 | ·839 | ·822 | 85·0 | 84·0 | 80·8 | 81·5 | 93·3 | 76·9 | 16·4 | 144·3 | 51·0 | 75·1 | 1·8 | S | SSE | 97 | 147 | 244 |
| 27 | ·861 | ·692 | ·787 | ·766 | 88·9 | 85·6 | 80·4 | 82·2 | 89·5 | 74·7 | 14·8 | 139·6 | 50·1 | 73·3 | 1·4 | S by E | SSE | 97 | 136 | 233 |
| 28 | ·823 | ·688 | ·796 | ·758 | 90·0 | 86·8 | 81·8 | 84·3 | 92·4 | 78·9 | 13·5 | 144·5 | 52·1 | 78·3 | 0·6 | S | SSE | 106 | 143 | 249 |
| 29 | ·819 | ·719 | ·811 | ·775 | 89·7 | 84·8 | 80·8 | 83·6 | 91·1 | 79·5 | 11·6 | 142·4 | 51·3 | 78·2 | 1·3 | S by E | SE by S | 12 | 139 | 266 |
| 30 | ·837 | ·731 | ·848 | ·796 | 87·6 | 83·8 | 80·2 | 82·2 | 90·2 | 77·5 | 12·7 | 142·5 | 52·3 | 76·9 | 0·6 | SSE | SE by S | 103 | 117 | 220 |
| 31 | ·843 | ·729 | ·885 | ·804 | 90·7 | 87·1 | 79·8 | 83·4 | 90·9 | 76·5 | 14·4 | 142·2 | 51·3 | 74·5 | 2·0 | SSE | SE | 83 | 143 | 226 |
| Mean. | 29·930 | 29·798 | 29·902 | 29·864 | 85·6 | 84·8 | 78·1 | 79·9 | 89·2 | 71·6 | 17·6 | 143·0 | 53·7 | 68·8 | 2·8 | ... | ... | 67·5 | 111·3 | 178·7 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P. M. to 10 A.M. | | 10 A.M. to 10 P.M. | |
| 1 | 75·5 | 75·4 | 75·5 | 73·9 | 68·7 | ·728 | ·703 | ·839 | ·741 | ·682 | 57 | 52 | 86 | 71 | 92 | ... | 1 | 0 | C. | *b.* | | *b.* |
| 2 | 75·8 | 76·9 | 73·1 | 73·9 | 69·5 | ·785 | ·834 | ·766 | ·777 | ·716 | 68 | 72 | 83 | 80 | 96 | ... | 2 | 1 | C. | *b.* | C. | *b.* |
| 3 | 74·7 | 76·7 | 72·9 | 73·1 | 67·6 | ·749 | ·824 | ·782 | ·758 | ·665 | 66 | 72 | 90 | 81 | 96 | ... | 0 | 0·5 | | *b.* | C. | *b.* |
| 4 | 74·8 | 74·8 | 72·9 | 72·6 | 67·4 | ·734 | ·736 | ·794 | ·736 | ·666 | 62 | 62 | 94 | 79 | 97 | ... | 1 | 0 | C. | *b.* | C. | *b.* |
| 5 | 71·9 | 73·9 | 72·1 | 71·4 | 67·2 | ·585 | ·636 | ·726 | ·656 | ·651 | 46 | 47 | 78 | 74 | 94 | ... | 0 | 0 | | *b.* | | *b.* |
| 6 | 71·5 | 75·8 | 72·3 | 70·5 | 62·0 | ·557 | ·752 | ·744 | ·636 | ·505 | 42 | 60 | 83 | 65 | 83 | ... | 1 | 0 | C. | *b.* | | *b.* |
| 7 | 74·8 | 77·1 | 75·0 | 73·7 | 67·6 | ·728 | ·841 | ·832 | ·765 | ·657 | 61 | 73 | 87 | 79 | 93 | ... | 0 | 0 | | *b.* | | *b.* |
| 8 | 75·8 | 76·8 | 72·9 | 73·9 | 69·7 | ·779 | ·842 | ·744 | ·772 | ·721 | 66 | 75 | 78 | 79 | 97 | ... | 3 | 0 | K. | *b. c.* | | *b.* |
| 9 | 74·9 | 75·8 | 73·9 | 73·4 | 68·4 | ·746 | ·784 | ·785 | ·758 | ·695 | 64 | 68 | 82 | 78 | 100 | ... | 3 | 0 | K. | *b. c.* | | *b.* |
| 10 | 73·9 | 75·9 | 73·9 | 73·1 | 68·4 | ·704 | ·792 | ·812 | ·752 | ·690 | 60 | 68 | 90 | 79 | 98 | ... | 1 | 0 | C. | *b.* | | *b.* |
| 11 | 73·9 | 75·9 | 72·9 | 73·1 | 69·4 | ·716 | ·801 | ·755 | ·752 | ·719 | 63 | 71 | 82 | 79 | 100 | ... | 3 | 1 | K. | *b. c.* | C. | *b.* |
| 12 | 74·8 | 75·9 | 71·1 | 72·7 | 68·6 | ·742 | ·802 | ·724 | ·744 | ·690 | 64 | 71 | 86 | 80 | 97 | ... | 2 | 1 | C. | *b.* | C. | *b.* |
| 13 | 74·8 | 77·0 | 72·7 | 73·4 | 68·8 | ·736 | ·837 | ·737 | ·754 | ·696 | 62 | 72 | 78 | 77 | 97 | ... | 1 | 1·5 | C. | *b.* | C. | *b.* |
| 14 | 72·2 | 76·9 | 74·8 | 72·9 | 67·4 | ·610 | ·844 | ·820 | ·733 | ·659 | 49 | 75 | 85 | 76 | 95 | ... | 2 | 0 | C. | *b.* | | *b.* |
| 15 | 75·8 | 78·5 | 76·0 | 75·5 | 71·3 | ·744 | ·897 | ·861 | ·820 | ·764 | 58 | 76 | 88 | 79 | 99 | ... | 3 | 0 | C. | *b, c.* | C. | *b.* |
| 16 | 76·7 | 77·8 | 75·0 | 75·5 | 71·5 | ·788 | ·856 | ·821 | ·821 | ·772 | 63 | 71 | 84 | 79 | 100 | ... | 3 | 0 | C. | *b. c.* | | *b.* |
| 17 | 75·8 | 77·3 | 74·1 | 74·6 | 70·9 | ·764 | ·837 | ·794 | ·790 | ·735 | 63 | 72 | 84 | 77 | 93 | ... | 4 | 0·5 | K. | *b. c.* | C. | *b.* |
| 18 | 74·4 | 76·0 | 72·1 | 72·7 | 67·3 | ·734 | ·794 | ·745 | ·739 | ·651 | 64 | 68 | 85 | 78 | 94 | ... | 5 | 2 | K. | *c.* | C. | *b.* |
| 19 | 76·6 | 77·1 | 73·9 | 74·1 | 67·8 | ·793 | ·841 | ·783 | ·780 | ·675 | 65 | 73 | 82 | 81 | 99 | ... | 2 | 2 | K. | *b.* | C. | *b.* |
| 20 | 75·8 | 76·2 | 72·1 | 73·5 | 69·3 | ·768 | ·803 | ·712 | ·754 | ·712 | 64 | 69 | 74 | 76 | 98 | ... | 5 | 4 | K. | *c.* | K. | *c.* |
| 21 | 76·0 | 78·6 | 75·0 | 75·1 | 70·1 | ·750 | ·865 | ·816 | ·824 | ·719 | 76 | 67 | 82 | 80 | 94 | 0·01 | 5 | 9 | K. | *c.* | K. | cloudy. |
| 22 | 79·8 | 79·8 | 77·2 | 77·5 | 72·9 | ·931 | ·926 | ·895 | ·887 | ·773 | 78 | 73 | 87 | 82 | 87 | 0·29 | 7 | 5·5 | K. | cloudy *t.* | K. | *c.* |
| 23 | 78·6 | 77·8 | 76·4 | 76·2 | 71·5 | ·882 | ·854 | ·881 | ·838 | ·726 | 72 | 70 | 90 | 75 | 84 | ... | 5 | 2 | K. | *c.* | C. | *b.* |
| 24 | 77·3 | 78·8 | 74·8 | 76·0 | 72·8 | ·850 | ·912 | ·804 | ·845 | ·798 | 73 | 77 | 80 | 82 | 98 | ... | 4 | 2 | K. | *c.* | C. | *b.* |
| 25 | 77·6 | 80·4 | 77·0 | 77·1 | 73·1 | ·837 | ·918 | ·817 | ·872 | ·807 | 68 | 74 | 87 | 82 | 98 | ... | 1 | 1 | K. | *b.* | C. | *b.* |
| 26 | 78·8 | 78·8 | 75·4 | 77·2 | 75·5 | ·736 | ·931 | ·917 | ·877 | ·865 | 75 | 78 | 76 | 82 | 94 | ... | 5 | 3 5 | K. | *c.* | K. | *c.* |
| 27 | 76 6 | 79·8 | 77·8 | 76·6 | 71·5 | ·880 | ·933 | ·920 | ·842 | ·730 | 55 | 77 | 89 | 77 | 86 | ... | 4 | 3 | K. | *c.* | K. | *b.* |
| 28 | 79·8 | 82·8 | 79·4 | 79·7 | 76·4 | ·880 | 1·061 | ·973 | ·954 | ·877 | 62 | 84 | 89 | 81 | 89 | ... | 2 | 1 | K. | *b.* | C. | *b.* |
| 29 | 81·8 | 79·8 | 78·8 | 79·5 | 77·1 | ·980 | ·951 | ·959 | ·954 | ·899 | 70 | 79 | 91 | 83 | 90 | ... | 3 | 3 | K. | *b. c.* | K. | *b. c.* |
| 30 | 81·8 | 78·9 | 78·4 | 77·8 | 71·3 | 1·001 | ·921 | ·949 | ·894 | ·685 | 77 | 76 | 92 | 81 | 73 | ... | 1 | 7 | K. | *b.* | K. | cloudy. *t.* |
| 31 | 78·8 | 78·8 | 76·4 | 77·5 | 75·7 | ·825 | ·874 | ·865 | ·865 | ·880 | 57 | 68 | 85 | 75 | 96 | ... | 1 | 1 | C. | *b.* | C. | *b.* |
| Mean. | 76·2 | 77·5 | 74·7 | 74·8 | 70·2 | ·776 | ·845 | ·818 | ·796 | ·725 | 64 | 71 | 85 | 78 | 94 | Total 0·30 | 2·58 | 1·66 | ... | | ... | |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHI INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN MARCH 1887.

| Hours. | Barometer reduced to 32° Fahr. Ins. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Ins. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·829 | 75·3 | 72·6 | ·767 | 87 | *Nil.* | *Nil.* | 2 | 0 | 8 | 18 | 60 | 59 | 0 | 2 | 0 | No interpolated values, Register complete. |
| 1 | ·818 | 74·9 | 72·3 | ·761 | 88 | ,, | ,, | 2 | 2 | 8 | 16 | 52 | 58 | 4 | 0 | 1 | |
| 2 | ·803 | 74·7 | 72·2 | ·761 | 88 | ,, | ,, | 0 | 1 | 3 | 8 | 54 | 69·5 | 8 | 2 | 0 | |
| 3 | ·793 | 74·6 | 72·4 | ·769 | 90 | ,, | ,, | 2 | 3 | 2 | 3 | 55 | 49·5 | 8 | 11 | 2 | |
| 4 | ·792 | 74·2 | 72·0 | ·761 | 89 | ,, | ,, | 1 | 1 | 1 | 6 | 30 | 55 | 10 | 9·5 | 0 | |
| 5 | ·801 | 73·9 | 71·8 | ·756 | 90 | ,, | ,, | 3 | 3 | 3 | 3 | 24 | 44 | 13·5 | 8 | 0 | |
| 6 | ·821 | 73·5 | 71·4 | ·744 | 90 | 0·24 | 1 | | 11 | 0 | 4 | 33 | 34 | 7 | 5·5 | 2 | |
| 7 | ·841 | 73·9 | 71·7 | ·750 | 89 | *Nil.* | *Nil.* | 3 | 6 | 8 | 7 | 31 | 61 | 13 | 7·5 | 0 | |
| 8 | ·868 | 76·5 | 73·0 | ·767 | 84 | ,, | ,, | 7 | 11 | 3 | 5 | 50 | 85 | 22 | 15 | 0 | |
| 9 | ·890 | 79·2 | 73·3 | ·747 | 75 | 0·54 | 1 | 18 | 0 | 0 | 6 | 61 | 110 | 33 | 17 | 0 | |
| 10 | ·894 | 81·6 | 72·6 | ·688 | 64 | 0·09 | 1 | 34 | 0 | 0 | 2 | 49 | 97 | 19 | 27 | 0 | |
| 11 | ·884 | 84·0 | 71·8 | ·629 | 55 | *Nil.* | *Nil.* | 22 | 12 | 9 | 7 | 75 | 75 | 26 | 24 | 0 | |
| Noon. | ·859 | 85·7 | 71·2 | ·580 | 48 | ,, | ,, | 15 | 9 | 9 | 3 | 73 | 70 | 63 | 25 | 0 | |
| 13 | ·824 | 87·1 | 71·2 | ·563 | 45 | ,, | ,, | 11 | 7 | 13 | 6 | 73 | 69 | 51 | 35 | 0 | |
| 14 | ·795 | 87·7 | 71·3 | ·554 | 43 | ,, | ,, | 9 | 5 | 7 | 5 | 73 | 59 | 53 | 47 | 0 | |
| 15 | ·769 | 88·3 | 71·4 | ·553 | 43 | ,, | ,, | 9 | 6 | 8 | 16 | 75 | 41 | 55 | 37 | 0 | |
| 16 | ·759 | 88·1 | 70·6 | ·524 | 41 | ,, | ,, | 6 | 6 | 8 | 11 | 75 | 42 | 40 | 36 | 0 | |
| 17 | ·756 | 86·7 | 70·9 | ·552 | 45 | 0·04 | 1 | 6 | 2 | 6 | 8 | 77 | 38 | 11 | 20 | 0 | |
| 18 | ·769 | 83·3 | 71·2 | ·606 | 54 | 0·06 | 1 | 2 | 1 | 3 | 20 | 61 | 54 | 21 | 7·5 | 1 | |
| 19 | ·785 | 79·9 | 71·1 | ·650 | 63 | 0·08 | 1 | 3 | 1 | 2 | 30 | 66 | 37 | 9 | 7·5 | 1 | |
| 20 | ·808 | 78·3 | 70·9 | ·665 | 68 | 1·32 | 2 | 14 | 10 | 1 | 17 | 76 | 56 | 2 | 1 | 1 | |
| 21 | ·832 | 77·0 | 71·8 | ·716 | 77 | 0·05 | 2 | 2 | 2 | 24 | 12 | 62 | 72 | 0 | 0 | 0 | |
| 22 | ·842 | 76·4 | 71·9 | ·728 | 80 | 0·77 | 1 | 0 | 0 | 14 | 36 | 58 | 75 | 0 | 0 | 0 | |
| 23 | ·840 | 75·8 | 72·6 | ·763 | 85 | *Nil.* | *Nil.* | 0 | 0 | 9 | 23 | 67 | 52 | 0 | 0 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN MARCH 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 40·5 | 4 | 5·5 | 2·5 | 7 | 9·5 | 32 | 23 | 2 | 60·5 | 38 | 0 | 0 | 0·5 | 10·5 | 4 | 46·5 | 0 |
| 1 to 2 | 36 | 3 | 5 | 1 | 6 | 11 | 32 | 26 | 1 | 72 | 16·5 | 6·5 | 1·5 | 3 | 5 | 7 | 38·5 | 0 |
| 2 to 3 | 30·5 | 2 | 2 | 1 | 5·5 | 9 | 28·5 | 32·5 | 1 | 64·5 | 14·5 | 8 | 4 | 1·5 | 13 | 7·5 | 45 | 0 |
| 3 to 4 | 31 | 2 | 3·5 | 1·5 | 7 | 10 | 29·5 | 29·5 | 2 | 66·5 | 18·5 | 3 | 1 | 0·5 | 0 | 15 | 54·5 | 0 |
| 4 to 5 | 32·5 | 1 | 4 | 1 | 10·5 | 8 | 24·5 | 33·5 | 1 | 60·5 | 20 | 0 | 5·5 | 5·5 | 0 | 2 | 67·5 | 0 |
| 5 to 6 | 24·5 | 8·5 | 4·5 | 5·5 | 6·5 | 4 | 24 | 37·5 | 2 | 61 | 14·5 | 0 | 1·5 | 3 | 3·5 | 4 | 72·5 | 0 |
| 6 to 7 | 26·5 | 11 | 5 | 7 | 9·5 | 3·5 | 31 | 35·5 | 3 | 68·5 | 17 | 2 | 2 | 6 | 0 | 6·5 | 56 | 0 |
| 7 to 8 | 30 | 7·5 | 4 | 19 | 0 | 9 | 28·5 | 34 | 3 | 74 | 34 | 0 | 5·5 | 5·5 | 0 | 7·5 | 35·5 | 0 |
| 8 to 9 | 41 | 22·5 | 8 | 11 | 9·5 | 10 | 35 | 40 | 1 | 73 | 48 | 15 | 3 | 9 | 0 | 8 | 56 | 0 |
| 9 to 10 | 36·5 | 51 | 2·5 | 10 | 16 | 12·5 | 39 | 54·5 | 1 | 57·5 | 65·5 | 41 | 9·5 | 3·5 | 3·5 | 20 | 74·5 | 0 |
| 10 to 11 | 144·5 | 46 | 3·5 | 0 | 0 | 1·5 | 21·5 | 82 | 0 | 44·5 | 48 | 58 | 21 | 8·5 | 6 | 6 | 40 | 0 |
| 11 to noon | 112·5 | 42 | 8 | 0 | 0 | 2 | 27 | 94·5 | 0 | 37·5 | 31 | 41 | 14·5 | 8·5 | 29 | 22 | 38·5 | 0 |
| Noon to 13 | 98 | 47 | 13·5 | 1·5 | 3 | 10·5 | 26·5 | 93 | 0 | 29 | 18 | 22·5 | 10·5 | 33 | 43 | 30·5 | 36·5 | 0 |
| 13 to 14 | 99 | 51 | 13·5 | 9 | 0 | 4·5 | 54 | 65 | 0 | 21 | 4 | 23 | 3 | 15·5 | 59 | 62 | 71·5 | 0 |
| 14 to 15 | 95·5 | 37 | 14 | 15 | 0 | 17 | 55 | 56·5 | 0 | 17·5 | 11 | 4 | 0 | 21·5 | 63·5 | 61 | 76·5 | 0 |
| 15 to 16 | 95·5 | 24 | 17 | 13·5 | 4·5 | 13 | 38·5 | 73 | 0 | 22 | 11 | 0 | 6 | 6·5 | 60·5 | 69·5 | 77·5 | 0 |
| 16 to 17 | 76·5 | 16 | 12·5 | 11 | 9·5 | 9·5 | 34 | 44 | 0 | 14 | 7 | 6 | 6 | 7 | 55·5 | 111 | 85·5 | 0 |
| 17 to 18 | 51·5 | 11 | 10 | 4 | 12·5 | 9·5 | 24 | 37·5 | 0 | 18 | 4·5 | 6 | 2·5 | 10·5 | 53 | 74 | 79·5 | 0 |
| 18 to 19 | 49 | 8 | 5·5 | 0·5 | 11·5 | 7·5 | 20·5 | 26·5 | 1 | 19 | 8 | 2 | 7 | 11·5 | 36 | 45·5 | 56 | 0 |
| 19 to 20 | 35 | 6 | 6 | 1 | 10·5 | 7 | 5 | 37·5 | 1 | 32·5 | 11 | 2 | 8 | 16 | 14·5 | 42 | 51 | 1 |
| 20 to 21 | 41·5 | 13·5 | 4·5 | 1·5 | 11·5 | 15 | 22·5 | 30 | 3 | 34 | 12·5 | 2·5 | 7 | 17 | 1 | 50·5 | 47·5 | 1 |
| 21 to 22 | 34·5 | 7 | 2 | 15 | 13 | 9·5 | 17·5 | 28·5 | 3 | 39 | 33·5 | 0 | 0 | 9 | 7 | 32 | 65·5 | 0 |
| 22 to 23 | 35·5 | 3·5 | 2·5 | 8·5 | 8 | 16 | 17 | 31 | 2 | 55·5 | 50·5 | 0 | 0 | 0 | 4 | 27·5 | 44·5 | 0 |
| 23 to midn. | 39·5 | 6·5 | 8·5 | 2·5 | 11·5 | 7 | 25·5 | 36 | 2 | 52·5 | 40 | 0 | 0 | 0 | 8 | 24 | 50·5 | 0 |

# APRIL 1887.

At Allahabad a new verified thermometer for solar radiation was brought into use on the 1st April to replace the one previously in use.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·870 | 29·914 | 29·807 | 29·901 | 29·864 | 72·3 | 82·3 | 88·3 | 75·8 | 79·4 | 88·9 | 71·2 | 17·7 | 10·5 | 149·2 | 60·3 | 64·9 | 6·3 | SW by S | SW | SW by W | S by E | 95 |
| 2 | ·908 | ·964 | ·847 | ·903 | ·900 | 71·3 | 82·3 | 90·1 | 76·3 | 80·6 | 90·5 | 71·2 | 19·3 | 11·0 | 147·0 | 56·5 | 64·4 | 6·8 | SSW | SW by W | WSW | SW by S | 96 |
| 3 | ·894 | ·957 | ·807 | ·903 | ·884 | 72·3 | 85·5 | 89·3 | 75·8 | 80·7 | 91·4 | 71·5 | 19·9 | 7·9 | 147·1 | 55·7 | 65·0 | 6·5 | S | SSW | SSW | WNW | 88 |
| 4 | ·867 | ·914 | ·790 | ·852 | ·844 | 72·2 | 84·3 | 91·2 | 76·3 | 80·8 | 91·7 | 70·8 | 20·9 | 10·4 | 145·1 | 54·1 | 63·9 | 6·9 | SW by W | NW | W by N | SSW | 87 |
| 5 | ·861 | ·919 | ·798 | ·891 | ·853 | 71·8 | 86·3 | 91·3 | 76·2 | 81·5 | 93·7 | 71·2 | 22·5 | 9·9 | 148·9 | 55·2 | 62·4 | 8·8 | SSW | SSW | SSW | S | 131 |
| 6 | ·892 | ·940 | ·816 | ·885 | ·877 | 73·3 | 85·5 | 89·0 | 74·5 | 81·0 | 91·3 | 72·2 | 19·1 | 9·8 | 146·6 | 55·3 | 64·9 | 7·3 | S | SSW | SSW | S | 175 |
| 7 | ·839 | ·893 | ·792 | ·849 | ·834 | 70·7 | 87·3 | 88·2 | 76·6 | 80·5 | 91·7 | 70·2 | 21·5 | 7·7 | 153·5 | 61·8 | 60·4 | 9·8 | SSW | SSW | S by W | SSE | 163 |
| 8 | ·879 | ·941 | ·830 | ·860 | ·871 | 71·4 | 76·8 | 74·7 | 73·0 | 75·7 | 78·5 | 70·3 | 8·2 | 0 | 96·2 | 17·7 | 64·2 | 6·1 | NW | E | WNW | WNW | 87 |
| 9 | ·866 | ·902 | ·767 | ·848 | ·847 | 70·5 | 82·5 | 86·9 | 77·8 | 79·2 | 89·1 | 68·2 | 20·9 | 8·7 | 153·6 | 64·5 | 61·4 | 6·8 | N by W | SSE | SW | SSW | 75 |
| 10 | ·842 | ·882 | ·751 | ·838 | ·828 | 71·3 | 84·5 | 92·2 | 78·9 | 82·6 | 93·1 | 71·2 | 21·9 | 11·2 | 148·7 | 55·6 | 64·3 | 6·9 | ESE | SW | WNW | S by W | 108 |
| 11 | ·837 | ·881 | ·773 | ·849 | ·833 | 76·3 | 84·8 | 89·3 | 78·3 | 83·1 | 91·4 | 75·6 | 15·8 | 8·7 | 147·9 | 56·5 | 69·3 | 6·3 | SE | SSW | SSW | SSW | 95 |
| 12 | ·838 | ·865 | ·721 | ·799 | ·803 | 75·5 | 86·1 | 92·3 | 78·3 | 84·0 | 93·5 | 75·4 | 18·1 | 11·3 | 151·0 | 57·5 | 68·8 | 6·6 | SSE | SSE | SW by S | S | 88 |
| 13 | ·789 | ·821 | ·701 | ·769 | ·764 | 75·3 | 86·8 | 89·3 | 79·6 | 83·6 | 91·7 | 74·8 | 16·9 | 11·2 | 147·3 | 55·6 | 67·7 | 7·1 | SW by S | S | S by W | SSE | 188 |
| 14 | ·795 | ·862 | ·742 | ·818 | ·811 | 71·2 | 83·3 | 88·9 | 71·9 | 80·4 | 90·4 | 70·2 | 20·2 | 8·8 | 149·5 | 59·1 | 63·8 | 6·4 | ESE | SSE | SSW | SE | 203 |
| 15 | ·869 | ·908 | ·759 | ·812 | ·825 | 69·5 | 81·3 | 87·5 | 79·3 | 79·8 | 89·2 | 68·5 | 20·7 | 9·5 | 148·5 | 59·3 | 63·9 | 4·6 | SSW | SE by S | SSW | SW by S | 121 |
| 16 | ·814 | ·879 | ·740 | ·778 | ·795 | 71·1 | 84·3 | 90·3 | 78·3 | 82·0 | 91·5 | 71·0 | 20·5 | 10·4 | 146·9 | 55·4 | 64·4 | 6·6 | WSW | WSW | SW | SSE | 105 |
| 17 | ·824 | ·857 | ·723 | ·773 | ·797 | 76·0 | 86·3 | 92·6 | 81·3 | 84·2 | 93·2 | 74·4 | 18·8 | 10·7 | 150·7 | 57·5 | 67·9 | 6·5 | SSE | SSW | SSW | S | 136 |
| 18 | ·743 | ·793 | ·652 | ·708 | ·721 | 75·3 | 86·8 | 95·5 | 80·9 | 85·0 | 96·0 | 74·8 | 21·2 | 8·5 | 148·5 | 52·5 | 68·2 | 6·6 | SSW | WSW | W | SSW | 124 |
| 19 | ·679 | ·732 | ·602 | ·684 | ·675 | 77·5 | 89·3 | 99·4 | 82·1 | 87·4 | 100·8 | 77·2 | 23·6 | 10·5 | 154·3 | 53·5 | 71·3 | 5·9 | S by W | SW | WNW | SSW | 189 |
| 20 | ·674 | ·715 | ·575 | ·644 | ·647 | 78·3 | 89·3 | 100·6 | 81·2 | 87·9 | 101·4 | 78·2 | 23·2 | 10·2 | 155·6 | 54·2 | 72·7 | 5·5 | SSW | WSW | NW by W | SW by S | 180 |
| 21 | ·640 | ·696 | ·572 | ·618 | ·621 | 77·3 | 91·3 | 101·0 | 81·3 | 87·6 | 102·0 | 77·2 | 24·8 | 8·2 | 153·5 | 51·5 | 70·8 | 6·4 | SSW | W | NW | SW by S | 143 |
| 22 | ·608 | ·663 | ·566 | ·644 | ·605 | 77·2 | 92·5 | 100·6 | 80·7 | 87·8 | 102·0 | 75·7 | 26·3 | 10·0 | 155·2 | 53·2 | 66·7 | 9·0 | WSW | W | NW | SSW | 145 |
| 23 | ·681 | ·767 | ·663 | ·758 | ·695 | 78·5 | 89·4 | 95·8 | 82·1 | 86·9 | 100·2 | 77·0 | 23·2 | 9·7 | 154·0 | 53·8 | 68·4 | 8·6 | S by E | S | SSW | SSW | 98 |
| 24 | ·786 | ·867 | ·751 | ·833 | ·790 | 79·1 | 88·3 | 91·2 | 80·8 | 86·1 | 93·4 | 78·4 | 15·0 | 10·4 | 148·7 | 55·3 | 72·8 | 5·6 | SW by S | SSW | SSW | SSW | 242 |
| 25 | ·860 | ·882 | ·782 | ·830 | ·829 | 79·3 | 88·5 | 91·5 | 80·3 | 85·9 | 92·5 | 78·4 | 14·1 | 10·2 | 149·1 | 56·6 | 73·4 | 5·0 | SW by S | SW | SSW | S | 287 |
| 26 | ·818 | ·869 | ·742 | ·769 | ·790 | 79·1 | 87·7 | 90·3 | 80·0 | 85·4 | 91·5 | 78·2 | 13·3 | 11·3 | 147·5 | 56·0 | 73·1 | 5·1 | SW by S | SSW | SSW | S | 300 |
| 27 | ·726 | ·761 | ·670 | ·730 | ·709 | 78·8 | 88·1 | 90·3 | 81·3 | 85·6 | 91·7 | 78·5 | 13·2 | 11·4 | 147·5 | 55·8 | 73·3 | 5·2 | S | SSW | SSW | SSW | 323 |
| 28 | ·689 | ·721 | ·617 | ·725 | ·672 | 80·4 | 89·8 | 89·5 | 83·3 | 86·3 | 92·5 | 79·9 | 12·6 | 11·5 | 148·6 | 56·1 | 75·4 | 4·5 | SSW | SW | SSW | ENE | 346 |
| 29 | 669 | ·679 | ·572 | ·665 | ·648 | 79·7 | 90·1 | 90·5 | 79·3 | 85·6 | 94·3 | 79·2 | 15·1 | 11·5 | 149·4 | 55·1 | 74·2 | 5·0 | S by W | SW | SSW | S | 332 |
| 30 | ·676 | ·757 | ·653 | ·711 | ·691 | 78·3 | 88·3 | 90·5 | 74·5 | 84·3 | 92·5 | 73·6 | 18·9 | 10·7 | 151·5 | 59·0 | 69·2 | 4·4 | SW by W | SW | SSE | ESE | 279 |
| Mean | 29·791 | 29·840 | 29·719 | 29·788 | 29·777 | 75·0 | 86·3 | 91·3 | 78·5 | 83·4 | 93·1 | 74·1 | 18·9 | Total 291·8 | 148·1 | 55·0 | 67·7 | 6·4 | ... | ... | ... | ... | 167·6 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 72·0 | 75·7 | 74·2 | 73·2 | 74·5 | 69·6 | ·783 | ·802 | ·658 | ·785 | ·792 | ·705 | 99 | 73 | 49 | 88 | 80 | 93 | ... | 5 | 2 | 3 | 0 | C.Ck.Fk. *c.* | K. *c.* | K. *b.c.* |
| 2 | 70·5 | 75·4 | 73·2 | 71·5 | 73·9 | 70·2 | ·734 | ·787 | ·590 | ·706 | ·747 | ·726 | 95 | 71 | 41 | 77 | 73 | 95 | ... | 1 | 0 | 2 | 0 | Cs.*c.* | K. *b. c.* | *b.* |
| 3 | 71·2 | 70·3 | 70·5 | 73·4 | 72·1 | 68·7 | ·752 | ·541 | ·492 | ·791 | ·674 | ·663 | 95 | 44 | 36 | 88 | 67 | 85 | ... | 1 | 0 | 6 | 6 | Ck. *c.* | Ck.Fk.*b.c.* | Ck. Fk. *c.* |
| 4 | 69·2 | 72·2 | 66·8 | 70·8 | 70·6 | 66·7 | ·675 | ·630 | ·330 | ·681 | ·616 | ·603 | 85 | 54 | 23 | 75 | 62 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 70·0 | 71·2 | 69·2 | 72·9 | 72·6 | 67·1 | ·708 | ·563 | ·420 | ·767 | ·685 | ·612 | 90 | 45 | 28 | 85 | 67 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 72·4 | 76·7 | 68·4 | 70·1 | 72·9 | 69·5 | ·784 | ·798 | ·421 | ·677 | ·706 | ·686 | 95 | 65 | 31 | 79 | 69 | 87 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 68·4 | 69·7 | 68·6 | 73·2 | 71·1 | 66·0 | ·666 | ·492 | ·439 | ·772 | ·636 | ·587 | 89 | 38 | 33 | 84 | 64 | 80 | ... | 1 | 2 | 3 | 9 | Ck.*c.* | C. Ck. *c.* | Ck. *c.* |
| 8 | 67·4 | 69·7 | 70·7 | 68·8 | 70·6 | 67·1 | ·619 | ·634 | ·699 | ·651 | ·684 | ·625 | 80 | 69 | 81 | 81 | 77 | 85 | ... | 8 | 10 | 10 | 8 | Pk.Ck.*c.* | P. Pc. Pk. *o.g.t.d.* | K.Ck.Pk. *c.* |
| 9 | 69·2 | 74·2 | 74·5 | 74·7 | 73·7 | 66·8 | ·699 | ·736 | ·687 | ·821 | ·761 | ·639 | 93 | 66 | 54 | 86 | 77 | 92 | ... | 8 | 5 | 4 | 2 | Ck.Fk.*c.* | K.Ck.Fk. *c.* | K. Ck. *c.* |
| 10 | 69·2 | 74·4 | 74·4 | 74·6 | 74·2 | 67·3 | ·688 | ·718 | ·609 | ·801 | ·738 | ·617 | 90 | 60 | 40 | 81 | 68 | 80 | ... | 4 | 0 | 6 | 1 | Cs.Ck.*c.* | K. *b. c.* | K. Ck. *c.* |
| 11 | 75·0 | 75·9 | 74·5 | 75·4 | 76·5 | 72·9 | ·853 | ·774 | ·653 | ·841 | ·826 | ·774 | 94 | 64 | 47 | 86 | 74 | 87 | ... | 0 | 6 | 7 | 5 | *b.* | K. *c.* | K. Fk. *c.t.* |
| 12 | 74·6 | 77·4 | 77·9 | 75·6 | 77·4 | 74·5 | ·845 | ·823 | ·761 | ·850 | ·854 | ·842 | 95 | 66 | 50 | 88 | 75 | 95 | ... | 1 | 1 | 3 | 0 | Fk.*c.* | K. Fk. *c.t.* | K. *b.c.* |
| 13 | 74·2 | 77·7 | 76·3 | 76·0 | 76·8 | 73·7 | ·834 | ·829 | ·732 | ·852 | ·832 | ·820 | 95 | 65 | 53 | 85 | 74 | 95 | ... | 4 | 0 | 0 | 0 | Ck.*c.* | *b.* | *b.* |
| 14 | 66·5 | 76·2 | 77·0 | 69·1 | 73·1 | 65·8 | ·589 | ·810 | ·767 | ·673 | ·724 | ·576 | 77 | 71 | 56 | 85 | 70 | 78 | 0·50 | 1 | 10 | 0 | 10 | C. *c.* | K.Pk. *o.b.* | P.Pk. *c. o.g.p.* |
| 15 | 68·5 | 73·1 | 77·2 | 75·5 | 74·2 | 67·6 | ·685 | ·708 | ·797 | ·831 | ·776 | ·664 | 95 | 67 | 61 | 82 | 77 | 95 | ... | 0 | 1 | 3 | 10 | *b.* | K. Ck. *c.* | P. Pc. *c.o.* |
| 16 | 69·8 | 72·2 | 76·7 | 76·2 | 74·7 | 69·7 | ·713 | ·630 | ·737 | ·878 | ·766 | ·711 | 94 | 54 | 52 | 91 | 72 | 94 | ... | 2 | 5 | 2 | 10 | Ck.*c.* | K. Ck. *c.* | P. *o. g. b.* |
| 17 | 74·7 | 78·2 | 75·9 | 77·7 | 77·4 | 70·7 | ·845 | ·858 | ·670 | ·904 | ·850 | ·703 | 94 | 68 | 44 | 85 | 74 | 83 | ... | 0 | 1 | 4 | 10 | *b.* | Cs. Ck. *c.* | P. Ck. Cs. *c.o.g.* |
| 18 | 73·7 | 79·2 | 77·0 | 77·2 | 77·9 | 73·5 | ·813 | ·898 | ·679 | ·885 | ·863 | ·811 | 93 | 70 | 41 | 84 | 74 | 94 | ... | 6 | 0 | 1 | 0 | Ck.*c.* | K. *b. c.* | *b.* |
| 19 | 76·3 | 78·7 | 73·2 | 80·0 | 78·4 | 76·1 | ·895 | ·840 | ·468 | ·998 | ·855 | ·889 | 95 | 61 | 25 | 91 | 69 | 95 | ... | 1 | 0 | 1 | 0 | Ck.*c.* | K. *b. c.* | *b.* |
| 20 | 77·5 | 80·2 | 69·9 | 77·7 | 76·8 | 75·1 | ·932 | ·910 | ·320 | ·904 | ·781 | ·832 | 95 | 66 | 17 | 85 | 64 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 75·4 | 72·2 | 69·2 | 73·5 | 74·7 | 71·2 | ·855 | ·535 | ·285 | ·719 | ·691 | ·684 | 91 | 36 | 14 | 67 | 58 | 73 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 68·8 | 71·4 | 69·5 | 74·2 | 72·9 | 67·4 | ·591 | ·488 | ·306 | ·759 | ·613 | ·562 | 63 | 32 | 16 | 72 | 51 | 63 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 78·1 | 80·3 | 80·8 | 77·9 | 78·4 | 68·0 | ·957 | ·913 | ·849 | ·903 | ·857 | ·566 | 98 | 66 | 50 | 83 | 71 | 61 | ... | 0 | 0 | 2 | 0 | *b.* | K. *b. c.* | *b.* |
| 24 | 76·2 | 79·1 | 78·5 | 76·7 | 78·5 | 72·2 | ·864 | ·874 | ·804 | ·866 | ·872 | ·711 | 87 | 66 | 55 | 83 | 71 | 74 | ... | 0 | 2 | 0 | 0 | *b.* | Fk. *b. c.* | *b.* |
| 25 | 75·3 | 77·2 | 73·7 | 76·2 | 77·3 | 75·0 | ·825 | ·783 | ·590 | ·851 | ·825 | ·822 | 82 | 58 | 40 | 82 | 68 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 74·9 | 78·2 | 76·5 | 76·2 | 77·3 | 74·6 | ·813 | ·838 | ·725 | ·851 | ·830 | ·811 | 82 | 64 | 51 | 82 | 69 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 75·7 | 78·7 | 77·2 | 76·7 | 78·0 | 74·8 | ·849 | ·854 | ·759 | ·859 | ·859 | ·813 | 87 | 64 | 53 | 81 | 71 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 76·6 | 79·0 | 77·5 | 77·6 | 78·8 | 75·5 | ·863 | ·843 | ·783 | ·871 | ·886 | ·824 | 83 | 60 | 56 | 76 | 71 | 80 | ... | 0 | 0 | 0 | 10 | *b.* | *b.* | P. *o. b.* |
| 29 | 76·5 | 78·2 | 80·1 | 69·2 | 77·6 | 75·0 | ·874 | ·804 | ·886 | ·581 | ·848 | ·816 | 87 | 56 | 62 | 58 | 67 | 82 | 0·18 | 0 | 0 | 0 | 9 | *b.* | *b.* | Pc.P.*c.o. g.t.p.* |
| 30 | 74·5 | 80·2 | 82·0 | 70·2 | 77·2 | 68·2 | ·802 | ·924 | ·979 | ·683 | ·850 | ·618 | 82 | 69 | 68 | 80 | 71 | 74 | 0·21 | 2 | 7 | 1 | 10 | C.Ck.*c.* | K. Fk. *c.* | P.Pk.*c.o. g.t.d.p.* |
| Mean | 72·7 | 75·8 | 74·4 | 74·4 | 75·3 | 70·7 | ·780 | ·755 | ·630 | ·800 | ·777 | ·710 | 89 | 60 | 44 | 82 | 70 | 84 | Total 0·89 | 1·50 | 1·73 | 1·93 | 3·33 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·573 | 29·616 | 29·498 | 29·585 | 29·559 | 59·0 | 83·6 | 93·8 | 71·7 | 76·3 | 93·8 | 57·7 | 36·1 | 11·4 | 154·2 | 60·4 | 39·9 | 17·8 | NW | SW | WNW | WNW | 87·0 |
| 2 | ·609 | ·674 | ·563 | ·606 | ·604 | 60·1 | 87·3 | 93·8 | 72·1 | 77·6 | 93·9 | 58·7 | 35·2 | 9·8 | 156·7 | 62·8 | 42·0 | 16·7 | WNW | WSW | NW | WNW | 43·9 |
| 3 | ·581 | ·651 | ·521 | ·588 | ·576 | 62·9 | 84·7 | 95·3 | 70·9 | 77·7 | 95·6 | 61·7 | 33·9 | 7·8 | 156·4 | 60·8 | 50·9 | 10·8 | Calm | WSW | NNW | Calm | 55·0 |
| 4 | ·559 | ·602 | ·480 | ·514 | ·530 | 61·7 | 91·3 | 97·4 | 73·3 | 80·2 | 97·7 | 60·0 | 37·7 | 11·7 | 157·7 | 60·0 | 44·8 | 15·2 | SW | SW | NW | Calm | 61·1 |
| 5 | ·514 | ·566 | ·454 | ·537 | ·509 | 63·0 | 92·3 | 100·4 | 76·2 | 82·3 | 101·1 | 61·7 | 39·4 | 10·2 | 160·7 | 59·6 | 45·0 | 16·7 | S | SW | NW | Calm | 67·1 |
| 6 | ·526 | ·592 | ·431 | ·504 | ·504 | 69·8 | 84·1 | 96·6 | 81·0 | 82·2 | 98·2 | 68·6 | 29·6 | 4·0 | 159·3 | 61·1 | 53·5 | 15·1 | ESE | NNE | E | E | 95·8 |
| 7 | ·455 | ·484 | ·355 | ·426 | ·421 | 72·1 | 89·9 | 99·7 | 78·4 | 84·3 | 100·7 | 69·5 | 31·2 | 11·3 | 158·0 | 57·3 | 59·9 | 9·6 | ENE | SSE | NNW | NW | 137·9 |
| 8 | ·500 | ·553 | ·446 | ·528 | ·498 | 71·5 | 83·6 | 86·8 | 72·3 | 77·9 | 93·1 | 70·8 | 22·3 | 9·9 | 157·8 | 64·7 | 63·2 | 7·6 | E | E | WSW | SSE | 136·5 |
| 9 | ·554 | ·597 | ·475 | ·543 | ·533 | 65·1 | 80·7 | 92·3 | 75 6 | 77·7 | 92·3 | 64·4 | 27·9 | 11·5 | 151·1 | 58·8 | 56·7 | 7·7 | SSE | SE | N | ENE | 90·8 |
| 10 | ·533 | ·562 | ·441 | ·518 | ·505 | 67·4 | 89·3 | 97·3 | 80·3 | 82·9 | 97·9 | 66·6 | 31·3 | 11·5 | 155·2 | 57·3 | 56·0 | 10·6 | E | SSW | NNW | ENE | 84·9 |
| 11 | ·503 | ·552 | ·463 | ·530 | ·503 | 70·1 | 90·2 | 99·3 | 82·8 | 84·9 | 99·3 | 68·6 | 30·7 | 11·9 | 156·9 | 57·6 | 57·9 | 10·7 | E | ENE | N | ENE | 83·0 |
| 12 | ·505 | ·544 | ·419 | ·465 | ·474 | 70·1 | 91·3 | 99·8 | 83·2 | 85·4 | 100·0 | 69·6 | 30·4 | 12·2 | 157·2 | 57·2 | 58·4 | 11·2 | Calm | N | N | N | 72·2 |
| 13 | ·443 | ·502 | ·352 | ·408 | ·417 | 75·4 | 93·3 | 101·1 | 86·5 | 88·4 | 101·5 | 73·4 | 28·1 | 11·1 | 158·8 | 57·3 | 62·4 | 11·0 | E | SE | WSW | S | 54·7 |
| 14 | ·457 | ·490 | ·391 | ·514 | ·454 | 74·0 | 92·3 | 92·3 | 83·3 | 84·8 | 102·3 | 72·7 | 29·6 | 8·2 | 160·2 | 57·9 | 63·0 | 9·7 | ESE | Calm | NNW | SE | 90·4 |
| 15 | ·498 | ·556 | ·390 | ·465 | ·468 | 76·2 | 89·2 | 99·8 | 84·1 | 86·6 | 99·9 | 75·6 | 24·3 | 10·9 | 158·7 | 58·8 | 67·6 | 8 0 | E | SE | N | E | 126·2 |
| 16 | ·458 | ·502 | ·363 | ·441 | ·432 | 75·4 | 92·4 | 101·6 | 84·3 | 87·7 | 103·4 | 74·6 | 28·8 | 12·0 | 159·9 | 56·5 | 67·6 | 7·0 | ESE | SE | E | NNE | 71·0 |
| 17 | ·476 | ·531 | ·408 | ·462 | ·485 | 79·2 | 94·3 | 101·3 | 83·3 | 88·8 | 101·7 | 75·5 | 26·2 | 10·8 | 159·2 | 57·5 | 65·6 | 9·9 | NNW | NW | NW | Calm | 66·4 |
| 18 | ·447 | ·485 | ·474 | ·391 | ·440 | 76·9 | 97·8 | 103·6 | 82·4 | 89·5 | 104·7 | 73·9 | 30·8 | 11·1 | 162·9 | 58·2 | 63·9 | 10·0 | SW | SW | NW | NNW | 87·0 |
| 19 | ·375 | ·440 | ·321 | ·430 | ·383 | 75·0 | 97·1 | 105·4 | 86·0 | 90·2 | 106·2 | 74·5 | 31·7 | 10·7 | 163·6 | 57·4 | 62·1 | 12·4 | W | NW | NW | NW | 140·6 |
| 20 | ·416 | ·454 | ·319 | ·393 | ·387 | 77·4 | 96·3 | 104·3 | 90·1 | 91·3 | 105·5 | 75·7 | 29·8 | 6·5 | 162·4 | 56·9 | 61·9 | 13·8 | W | NNW | NNW | NNW | 174·7 |
| 21 | ·396 | ·450 | ·335 | ·372 | ·379 | 77·2 | 98·4 | 105·0 | 84·4 | 90·5 | 106·6 | 76·5 | 30·1 | 11·0 | 164·2 | 57·6 | 60·6 | 15·9 | WNW | NW | NNW | NW | 159·7 |
| 22 | ·357 | ·412 | ·285 | ·355 | ·343 | 78·1 | 94·1 | 102·3 | 79·5 | 87·8 | 102·9 | 74·6 | 28·3 | 11·3 | 161·3 | 58·4 | 61·6 | 13·0 | WSW | NW | W | NW | 154·8 |
| 23 | ·395 | ·470 | ·370 | ·432 | ·408 | 71·6 | 94·3 | 102·6 | 79·2 | 86·2 | 103·6 | 68·8 | 34·8 | 12·0 | 163·0 | 59·4 | 53·8 | 15·0 | W | WNW | WNW | Calm | 105·9 |
| 24 | ·445 | ·501 | ·400 | ·464 | ·443 | 69·5 | 98·6 | 106·1 | 82·9 | 88·6 | 107·4 | 69·1 | 38·3 | 12·5 | 165·2 | 57·8 | 52·8 | 16·3 | W | WSW | NNW | Calm | 56·3 |
| 25 | ·467 | ·503 | ·389 | ·448 | ·443 | 71·1 | 102·2 | 108·5 | 84·3 | 90·8 | 109·7 | 70·6 | 39·1 | 12·4 | 167·4 | 57·7 | 54·8 | 15·8 | Calm | NW | WNW | Calm | 62·2 |
| 26 | ·423 | ·473 | ·351 | ·382 | ·398 | 72·1 | 97·8 | 109·3 | 84·3 | 90·2 | 110·2 | 70·6 | 39·6 | 12·5 | 166·5 | 56·3 | 55·6 | 15·0 | Calm | NW | NW | Calm | 62·3 |
| 27 | ·349 | ·402 | ·255 | ·331 | ·325 | 72·9 | 96·3 | 109·6 | 87·3 | 90·8 | 110·6 | 71·9 | 38·7 | 12·4 | 167·3 | 56·7 | 57·6 | 14·3 | ENE | N | NW | Calm | 54·8 |
| 28 | ·320 | ·368 | ·228 | ·268 | ·287 | 77·0 | 97·3 | 109·3 | 89·3 | 92·5 | 109·6 | 76·0 | 33·6 | 11·9 | 166·9 | 57·3 | 65·2 | 10·8 | ESE | NE | NNW | Calm | 58·2 |
| 29 | ·290 | ·308 | ·190 | ·249 | ·250 | 77·2 | 103·3 | 110·2 | 91·8 | 94·9 | 110·6 | 76·1 | 34 5 | 11·9 | 167·8 | 57·2 | 65·2 | 10·9 | Calm | SSE | NW | ENE | 45·6 |
| 30 | ·304 | ·372 | ·285 | ·345 | ·317 | 80·2 | 99·8 | 105·3 | 89·3 | 92·9 | 106 8 | 79·6 | 27.2 | 10·5 | 164·8 | 58·0 | 66 7 | 12·9 | Calm | W | N | N | 78·0 |
| Mean | 29·458 | 29·507 | 29·388 | 29·450 | 29·442 | 71·6 | 92·8 | 101·0 | 81·7 | 86·1 | 102·2 | 70·2 | 32·0 | Total 322·9 | 160·7 | 58·5 | 57·9 | 12·4 | ... | ... | ... | ... | 88·8 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 51·5 | 62·1 | 60·9 | 57·0 | 57·9 | 50·3 | ·283 | ·272 | ·098 | ·271 | ·231 | ·268 | 57 | 24 | 6 | 35 | 30 | 56 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* ∞ |
| 2 | 52·2 | 61·1 | 62·1 | 58·8 | 58·6 | 49·3 | ·288 | ·191 | ·136 | ·320 | ·234 | ·228 | 55 | 15 | 9 | 41 | 30 | 45 | ... | 1 | 0 | 7 | 5 | Ck. *c.* | C. Ck. *b. c.* | Cs. *c.* ☿ |
| 3 | 55·1 | 61·4 | 61·6 | 57·6 | 58·9 | 53·3 | ·332 | ·235 | ·100 | ·300 | ·242 | ·297 | 58 | 20 | 7 | 40 | 31 | 53 | ... | 9 | 7 | 0 | 0 | C. Cs. *c.* | C. Cs. *b. c.* | *b.* |
| 4 | 53·1 | 65·1 | 62·6 | 58·1 | 59·7 | 51·1 | ·291 | ·270 | ·104 | ·283 | ·237 | ·259 | 53 | 19 | 6 | 35 | 28 | 49 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 55·4 | 63·1 | 64·1 | 61·1 | 60·9 | 52·9 | ·340 | ·189 | ·115 | ·339 | ·246 | ·285 | 59 | 12 | 5 | 38 | 28 | 52 | ... | 0 | 0 | 5 | 0 | *b.* | Ck. Cs. C. *b. c.* | Cs. C. *c.* |
| 6 | 56·9 | 63·2 | 64·1 | 61·1 | 61·3 | 55·2 | ·295 | ·302 | ·165 | ·274 | ·259 | ·260 | 40 | 26 | 9 | 26 | 25 | 37 | ... | 10 | 10 | 3 | 2 | Pc. Cs. *o.* | Pc. Ck. *o. c.* ☍ | Cs. *b. c. lr.* |
| 7 | 59·1 | 69·5 | 69·1 | 64·4 | 65·5 | 58·9 | ·330 | ·449 | ·301 | ·418 | ·374 | ·358 | 42 | 27 | 16 | 43 | 32 | 49 | ... | 1 | 0 | 0 | 2 | Ck. *c.* | *b.* | Ck. *b. c.* |
| 8 | 64·1 | 68·9 | 73·4 | 68·7 | 68·8 | 62·4 | ·501 | ·510 | ·644 | ·655 | ·578 | ·453 | 64 | 45 | 50 | 83 | 60 | 59 | 0·19 | 1 | 1 | 9 | 1 | Ck. *c.* | Ck. Pk. *c. d. t.* ☈ | K. Ck. Cs. *c. lr.* |
| 9 | 61·2 | 68·1 | 64·6 | 65·4 | 64·8 | 60·1 | ·490 | ·520 | ·240 | ·491 | ·435 | ·464 | 79 | 50 | 16 | 55 | 50 | 77 | ... | 1 | 0 | 0 | 0 | Ck. *c.* | *b.* | *b.* |
| 10 | 62·9 | 70·7 | 67·3 | 65·0 | 66·5 | 62·2 | ·515 | ·502 | ·268 | ·414 | ·425 | ·502 | 77 | 37 | 15 | 40 | 42 | 77 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 62·3 | 70·1 | 72·3 | 67·1 | 68·0 | 62·0 | ·459 | ·467 | ·431 | ·455 | ·453 | ·469 | 62 | 33 | 23 | 41 | 40 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 64·6 | 72·1 | 74·1 | 69·6 | 70·1 | 63·8 | ·537 | ·530 | ·497 | ·542 | ·526 | ·516 | 73 | 36 | 26 | 48 | 46 | 72 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 66·3 | 73·2 | 74·7 | 71·0 | 71·3 | 65·1 | ·525 | ·548 | ·504 | ·552 | ·532 | ·510 | 60 | 35 | 25 | 44 | 41 | 62 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 64·1 | 73·7 | 71·1 | 68·6 | 69·4 | 68·3 | ·468 | ·582 | ·478 | ·504 | ·508 | ·634 | 55 | 39 | 32 | 45 | 43 | 79 | ... | 0 | 0 | 8 | 9 | *b.* | Ck. Pk. *c. t.* ∞ ☍ | Ck. Cs. Pc. Pk. *c.* ∞ ☍ |
| 15 | 68·3 | 73·5 | 72·4 | 68·1 | 70·6 | 66 1 | ·587 | ·615 | ·428 | ·474 | ·526 | ·515 | 64 | 45 | 22 | 40 | 43 | 58 | ... | 8 | 3 | 1 | 0 | Ck. Cs. *c.* | Cs. Ck. *c.* | *b.* |
| 16 | 69·0 | 71·6 | 71·1 | 68·0 | 69·9 | 67·2 | ·624 | ·496 | ·353 | ·468 | ·485 | ·569 | 71 | 32 | 17 | 39 | 40 | 66 | ... | 1 | 0 | 0 | 0 | Fk. *c.* | *b.* | *b.* |
| 17 | 68·0 | 70·4 | 73·5 | 70·1 | 70·5 | 66·3 | ·536 | ·423 | ·452 | ·560 | ·493 | ·524 | 54 | 26 | 22 | 49 | 38 | 59 | ... | 4 | 0 | 2 | 0 | Ck. Cs. *c.* | K. Ck. *b. c.* | *b.* |
| 18 | 65·4 | 74·4 | 68·6 | 67·1 | 68·9 | 65·2 | ·474 | ·537 | ·231 | ·460 | ·426 | ·507 | 51 | 29 | 11 | 41 | 33 | 60 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ☔ | *b.* ∞ |
| 19 | 62 6 | 69·1 | 68·9 | 65·5 | 66·5 | 61·3 | ·403 | ·336 | ·218 | ·355 | ·328 | ·368 | 46 | 19 | 10 | 28 | 26 | 43 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* ∞ ☔ | *b.* ∞ |
| 20 | 59·1 | 67·3 | 69·5 | 67·1 | 65·8 | 58·0 | ·260 | ·281 | ·255 | ·357 | ·288 | ·248 | 27 | 16 | 12 | 25 | 20 | 28 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ | ∞ |
| 21 | 60·3 | 70·1 | 75·1 | 66·1 | 67·9 | 60·8 | ·300 | ·357 | ·468 | ·398 | ·381 | ·325 | 33 | 20 | 21 | 33 | 27 | 36 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ∞ ☔ | *b.* ∞ ☔ |
| 22 | 59·1 | 64·6 | 68·6 | 61·1 | 63·4 | 59·0 | ·250 | ·216 | ·248 | ·294 | ·252 | ·294 | 26 | 14 | 12 | 29 | 20 | 35 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* ∞ ☔ | *b.* |
| 23 | 56·1 | 62·6 | 65·1 | 62·0 | 61·4 | 55·9 | ·246 | ·146 | ·119 | ·328 | ·210 | ·278 | 32 | 9 | 7 | 33 | 20 | 39 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* ☔ | *b.* |
| 24 | 57·0 | 69·0 | 67·6 | 63·6 | 64·3 | 56·7 | ·300 | ·313 | ·161 | ·332 | ·276 | ·297 | 42 | 17 | 7 | 29 | 24 | 42 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ☔ | *b.* |
| 25 | 59·8 | 69·4 | 69·1 | 65·1 | 65·8 | 59·0 | ·365 | ·279 | ·183 | ·364 | ·298 | ·347 | 48 | 13 | 7 | 31 | 25 | 46 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ☔ | *b.* |
| 26 | 61·1 | 68·4 | 70·4 | 67·1 | 66·8 | 59·5 | ·393 | ·301 | ·221 | ·435 | ·338 | ·363 | 50 | 16 | 8 | 37 | 28 | 49 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ☔ | *b.* |
| 27 | 61·7 | 71 2 | 71·3 | 69·8 | 68·5 | 61·9 | ·402 | ·428 | ·252 | ·494 | ·394 | ·422 | 50 | 25 | 10 | 38 | 31 | 54 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ☔ | *b.* |
| 28 | 66·6 | 77·4 | 73·7 | 71·1 | 72·2 | 66·5 | ·515 | ·672 | ·352 | ·518 | ·514 | ·525 | 55 | 38 | 14 | 38 | 36 | 59 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 68·7 | 75·1 | 72·0 | 68·0 | 71·0 | 66·3 | ·589 | ·492 | ·272 | ·367 | ·430 | ·516 | 63 | 23 | 11 | 24 | 30 | 57 | ... | 0 | 0 | 1 | 0 | ∞ | Fk. Ck *b. c.* ☔ | Fk.Ck. *c.b.* |
| 30 | 70·0 | 69·3 | 74·2 | 71·2 | 71·2 | 66·1 | ·598 | ·293 | ·427 | ·522 | ·460 | ·462 | 58 | 16 | 19 | 38 | 33 | 46 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* ∞ | *b.* ∞ |
| Mean | 61·4 | 68·9 | 69·1 | 65·5 | 66·2 | 60·4 | ·417 | ·392 | ·291 | ·418 | ·379 | ·402 | 53 | 26 | 15 | 39 | 33 | 54 | Total 0·19 | 1·20 | 0·70 | 1·20 | 0·63 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·549 | 29·441 | 84·6 | 90·6 | 93·3 | 56·0 | 37·3 | 157·7 | 64·4 | 41·0 | 15·0 | S | S | SSE | SSE | 135 |
| 2 | ·530 | ·441 | 87·6 | 93·5 | 96·3 | 56·0 | 40·3 | 163·7 | 67·4 | 42·0 | 14·0 | SSE | SSE | NNW | N | 90 |
| 3 | ·542 | ·459 | 88·6 | 95·5 | 98·3 | 60·6 | 37·7 | 155·7 | 57·4 | 47·0 | 13·6 | N | N | NNE | N | 58 |
| 4 | ·545 | ·428 | 90·6 | 97·5 | 99·3 | 56·0 | 43·3 | 157·7 | 58·4 | 43·0 | 13·0 | N | NNE | NW | NNW | 60 |
| 5 | ·500 | ·401 | 93·5 | 97·5 | 102·3 | 58·9 | 43·4 | 160·7 | 58·4 | 45·0 | 13·9 | Calm | WNW | NNE | Calm | 80 |
| 6 | ·522 | ·415 | 92·5 | 94·5 | 97·3 | 68·9 | 28·4 | 161·7 | 64·4 | 59·0 | 9·9 | E | SE | NE | N | 150 |
| 7 | ·450 | ·302 | 90·3 | 97·5 | 99·3 | 70·8 | 28·5 | 152·7 | 53·4 | 60·0 | 10·8 | N | NNE | SE | WNW | 220 |
| 8 | ·522 | ·404 | 83·7 | 89·6 | 93·3 | 68·9 | 24·4 | 157·7 | 64·4 | 60·0 | 8·9 | WNW | WNW | WNW | W | 155 |
| 9 | ·552 | ·436 | 78·7 | 89·6 | 91·3 | 62·9 | 28·4 | 148·7 | 57·4 | 50·0 | 12·9 | W | NW | SW | SW | 69 |
| 10 | ·522 | ·436 | 87·6 | 95·5 | 96·3 | 66·9 | 29·4 | 157·7 | 61·4 | 55·0 | 11·9 | SW | E | ESE | ESE | 112 |
| 11 | ·519 | ·418 | 91·6 | 98·2 | 99·3 | 66·9 | 32·4 | 155·7 | 56·4 | 59·0 | 7·9 | ESE | WSW | SSW | SW | 103 |
| 12 | ·507 | ·365 | 91·6 | 99·4 | 100·3 | 67·9 | 32·4 | 157·7 | 57·4 | 64·0 | 3·9 | SW | WSW | SW | WSW | 59 |
| 13 | ·436 | ·280 | 93·5 | 103·4 | 104·3 | 69·9 | 34·4 | 158·7 | 54·4 | ... | ... | WSW | N | ESE | SSE | 61 |
| 14 | ·442 | ·338 | 90·6 | 97·5 | 99·0 | 74·8 | 24·2 | 154·7 | 55·7 | 67·0 | 7·8 | NW | NW | NW | NNW | 88 |
| 15 | ·523 | ·350 | 83·7 | 97·5 | 98·3 | 73·8 | 24·5 | 152·7 | 54·4 | 71·0 | 2·8 | N | NNW | NNE | NNE | 120 |
| 16 | ·468 | ·337 | 91·6 | 101·4 | 102·3 | 72·8 | 29·5 | 157·7 | 55·4 | 67·0 | 5·8 | NNE | N | NNW | SE | 83 |
| 17 | ·499 | ·347 | 85·6 | 100·4 | 102·3 | 74·8 | 27·5 | 159·7 | 57·4 | 68·0 | 6·8 | Calm | W | S | Calm | 127 |
| 18 | ·428 | ·294 | 97·5 | 101·4 | 103·3 | 69·9 | 33·4 | 160·7 | 57·4 | 61·0 | 8·9 | SSW | S | SSE | SSW | 142 |
| 19 | ·367 | ·270 | 101·4 | 104·4 | 105·3 | 75·8 | 29·5 | 161·7 | 56·4 | 66·0 | 9·8 | SSW | S | N | N | 213 |
| 20 | ·386 | ·260 | 98·5 | 103·4 | 106·0 | 80·8 | 25·2 | 162·7 | 56·7 | 72·0 | 8·8 | N | NNE | N | NW | 355 |
| 21 | ·393 | ·288 | 96·5 | 103·4 | 106·3 | 79·8 | 26·5 | 157·7 | 51·4 | 66·0 | 13·8 | N | NNE | NNW | N | 320 |
| 22 | ·335 | ·241 | 95·5 | 99·4 | 101·3 | 74·8 | 26·5 | 161·7 | 60·4 | 66·0 | 8·8 | N | NNE | NW | NW | 228 |
| 23 | ·400 | ·315 | 96·5 | 102·4 | 104·3 | 73·8 | 30·5 | 163·7 | 59·4 | 60·0 | 13·8 | NW | NW | NW | NW | 137 |
| 24 | ·420 | ·304 | 101·4 | 105·4 | 107·3 | 68·9 | 38·4 | 165·7 | 58·4 | 68·0 | 0·9 | NW | NW | NNE | NNE | 160 |
| 25 | ·447 | ·344 | 102·4 | 108·4 | 110·3 | 69·9 | 40·4 | 167·7 | 57·4 | 68·0 | 1·9 | NNE | N | NNE | NNE | 155 |
| 26 | ·429 | ·296 | 93·5 | 108·4 | 109·3 | 68·9 | 40·4 | 165·7 | 56·4 | 60·0 | 8·9 | NNE | NE | NNW | NNW | 101 |
| 27 | ·357 | ·223 | 94·5 | 107·4 | 109·3 | 69·9 | 39·4 | 164·7 | 55·4 | 62·0 | 7·9 | NNW | SE | NE | NNE | 106 |
| 28 | ·328 | ·195 | 94·5 | 107·4 | 109·0 | 74·8 | 34·2 | 164·7 | 55·7 | ... | ... | NNE | SE | SW | SSW | 104 |
| 29 | ·276 | ·159 | 95·5 | 108·4 | 109·0 | 72·8 | 36·2 | 161·7 | 52·7 | 65·0 | 7·8 | SSW | WSW | WSW | WSW | 92 |
| 30 | ·324 | ·270 | 92·5 | 101·4 | 103·3 | 77·0 | 25·5 | 159·7 | 56·4 | 70·0 | 7·8 | WSW | WSW | NW | WNW | 235 |
| Mean | 29·451 | 29·335 | 92·2 | 100·0 | 101·9 | 69·5 | 32·4 | 159·6 | 57·7 | 60·1 | 9·2 | ... | ... | ... | ... | 137·3 |

| Days. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 59·1 | 62·1 | 48·7 | ·164 | ·179 | ·248 | 13 | 12 | 54 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 62·1 | 64·0 | 48·7 | ·219 | ·203 | ·248 | 17 | 13 | 54 | ... | 0 | 7 | *b.* | Cs. | Cs. |
| 3 | 63·1 | 65·0 | 50·6 | ·238 | ·211 | ·238 | 18 | 12 | 48 | ... | 0 | 3 | *b.* | K. | *b.* |
| 4 | 63·1 | 65·0 | 49·7 | ·212 | ·184 | ·275 | 14 | 10 | 60 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 65·0 | 68·0 | 50·6 | ·237 | ·290 | ·261 | 15 | 16 | 51 | ... | 3 | 6 | K. | Cs. | Cs. |
| 6 | 66·0 | 70·0 | 56·6 | ·286 | ·405 | ·296 | 19 | 25 | 42 | ... | 8 | 0 | Cs. | *b.* ∞ | K. ∞ |
| 7 | 70·0 | 75·0 | 59·5 | ·462 | ·566 | ·360 | 32 | 32 | 47 | ... | 4 | 4 | Cs. | Cs. ∞ | K. ∞ |
| 8 | 69·0 | 72·0 | 61·5 | ·513 | ·550 | ·449 | 45 | 39 | 63 | ... | 3 | 4 | K. | K. | K. ● |
| 9 | 67·7 | 69·0 | 59·5 | ·532 | ·434 | ·465 | 54 | 31 | 80 | 0·02 | 2 | 0 | K. | *b.* | *b.* |
| 10 | 70·0 | 75·0 | 62·2 | ·498 | ·579 | ·498 | 38 | 35 | 76 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 73·0 | 75·0 | 62·5 | ·563 | ·556 | ·508 | 38 | 31 | 77 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 73·0 | 76·9 | 63·5 | ·563 | ·622 | ·528 | 38 | 33 | 77 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 74·0 | 75·9 | 65·5 | ·578 | ·524 | ·571 | 37 | 24 | 78 | ... | 0 | 3 | *b.* | K. | *b.* |
| 14 | 72·0 | 75·0 | 63·5 | ·536 | ·566 | ·437 | 37 | 32 | 50 | ... | 0 | 7 | *b.* | Cs. | *b.* |
| 15 | 72·0 | 75·9 | 67·5 | ·629 | ·604 | ·590 | 55 | 34 | 70 | ... | 3 | 0 | K. | *b.* | *b.* |
| 16 | 76·9 | 77·9 | 66·5 | ·727 | ·639 | ·568 | 49 | 32 | 70 | ... | 0 | 2 | *b.* | K. | K. |
| 17 | 73·0 | 75·9 | 64·5 | ·644 | ·565 | ·470 | 53 | 29 | 54 | ... | 8 | 4 | Cs. | Cs. ∞ | *b.* ∞ |
| 18 | 70·0 | 72·0 | 62·5 | ·365 | ·364 | ·468 | 21 | 19 | 64 | ... | 0 | 0 | *b.* | *b.* ∞ | *b.* ∞ |
| 19 | 72·0 | 75·0 | 62·5 | ·390 | ·472 | ·389 | 19 | 21 | 44 | ... | 0 | 0 | *b.* ∞ | *b.* ∞ | *b.* ∞ |
| 20 | 71·0 | 73·0 | 62·5 | ·390 | ·403 | ·323 | 21 | 19 | 31 | ... | 0 | 0 | *b.* ∞ | *b.* ∞ | *b.* ∞ |
| 21 | 68·0 | 73·0 | 62·5 | ·304 | ·403 | ·336 | 18 | 19 | 33 | ... | 0 | 0 | *b.* ∞ | *b.* ∞ | *b.* ∞ |
| 22 | 65·0 | 68·0 | 57·6 | ·211 | ·242 | ·248 | 12 | 14 | 30 | ... | 0 | 0 | *b.* ∞ | *b.* ∞ | *b.* ∞ |
| 23 | 66·0 | 68·0 | 56·6 | ·232 | ·224 | ·232 | 13 | 11 | 29 | ... | 0 | 0 | *b.* ∞ | *b.* H | *b.* ∞ |
| 24 | 68·0 | 71·0 | 57·6 | ·238 | ·297 | ·326 | 12 | 13 | 46 | ... | 0 | 0 | *b.* ∞ | *b.* H | *b.* ∞ |
| 25 | 70·0 | 73·0 | 58·5 | ·299 | ·341 | ·341 | 15 | 14 | 46 | ... | 0 | 0 | *b.* ∞ | *b.* H | *b.* ∞ |
| 26 | 74·0 | 75·9 | 59·5 | ·578 | ·456 | ·385 | 37 | 19 | 54 | ... | 0 | 0 | *b.* ∞ | *b.* H | *b.* ∞ |
| 27 | 76·9 | 77·9 | 63·5 | ·688 | ·558 | ·501 | 43 | 23 | 68 | ... | 0 | 0 | *b.* ∞ | *b.* H | *b.* ∞ |
| 28 | 77·7 | 78·9 | 64·5 | ·733 | ·603 | ·470 | 45 | 22 | 54 | ... | 0 | 0 | *b.* ∞ | *b.* H | *b.* ∞ |
| 29 | 76·9 | 75·0 | 62·5 | ·675 | ·418 | ·430 | 41 | 17 | 53 | ... | 0 | 3 | *b.* ∞ | *k.* H | K. ∞ |
| 30 | 76·9 | 78·9 | 69·5 | ·715 | ·684 | ·611 | 47 | 34 | 63 | ... | 0 | 0 | *b.* ∞ | *b.* | K Klr. |
| Mean | 70·0 | 72·7 | 60·0 | ·447 | ·438 | ·402 | 30 | 23 | 56 | Total 0·02 | 1·03 | 1·43 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·188 | 29·237 | 29·132 | 29·172 | 29·182 | 60·7 | 80·2 | 90·2 | 65·1 | 74·0 | 90·9 | 55·0 | 35·9 | 10·8 | 154·0 | 63·1 | 41·9 | 13·1 | W | W | NW | Calm | 75·3 |
| 2 | ·157 | ·231 | ·137 | ·188 | ·178 | 54·2 | 82·2 | 93·2 | 65·1 | 73·7 | 93·7 | 53·0 | 40·7 | 10·7 | 158·8 | 65·1 | 40·9 | 12·1 | Calm | NE | N | Calm | 55·3 |
| 3 | ·152 | ·210 | ·102 | ·142 | ·151 | 55·2 | 89·2 | 93·2 | 68·1 | 76·4 | 96·1 | 53·5 | 42·6 | 9·4 | 162·5 | 66·4 | 43·9 | 9·6 | Calm | S | W | Calm | 40·5 |
| 4 | ·096 | ·192 | ·082 | ·113 | ·121 | 61·2 | 84·2 | 90·2 | 71·1 | 76·7 | 94·7 | 58·0 | 36·7 | 4·8 | 164·0 | 69·3 | 46·8 | 11·2 | Calm | NE | Calm | Calm | 42·0 |
| 5 | ·100 | ·149 | ·080 | ·139 | ·117 | 66·4 | 76·7 | 85·2 | 71·1 | 74·9 | 89·1 | 62·5 | 26·6 | 1·4 | 158·0 | 68·9 | 58·7 | 3·8 | NE | Calm | Calm | Calm | 54·3 |
| 6 | ·124 | ·195 | ·086 | ·194 | ·150 | 72·1 | 86·7 | 86·6 | 71·6 | 79·2 | 92·8 | 66·5 | 26·3 | 7·4 | 161·4 | 68·6 | 57·7 | 8·8 | Calm | E | W | NE | 71·0 |
| 7 | ·148 | ·193 | ·076 | ·130 | ·137 | 68·3 | 79·7 | 88·2 | 69·4 | 76·4 | 88·1 | 63·5 | 24·6 | 10·6 | 157·7 | 69·6 | 59·2 | 4·3 | SE | SE | W | E | 130·2 |
| 8 | ·094 | ·171 | ·071 | ·113 | ·112 | 59·7 | 80·7 | 89·2 | 68·9 | 74·6 | 90·6 | 58·0 | 32·6 | 11·4 | 155·0 | 64·4 | 47·8 | 10·2 | Calm | Calm | E | Calm | 63·8 |
| 9 | ·082 | ·139 | ·063 | ·099 | ·096 | 61·7 | 84·7 | 94·2 | 76·2 | 79·2 | 95·6 | 59·5 | 36·1 | 11·0 | 160·5 | 64·9 | 50·8 | 8·7 | Calm | W | NE | Calm | 37·2 |
| 10 | ·089 | ·145 | ·035 | ·067 | ·084 | 63·7 | 90·2 | 98·2 | 74·1 | 81·5 | 99·4 | 62·0 | 37·4 | 11·2 | 161·0 | 61·6 | 53·8 | 8·2 | Calm | W | W | Calm | 53·4 |
| 11 | ·031 | ·104 | ·017 | ·052 | ·051 | 68·6 | 94·2 | 102·0 | 83·2 | 87·0 | 103·7 | 66·0 | 37·7 | 10·5 | 166·0 | 62·3 | 56·3 | 9·7 | Calm | SE | E | Calm | 63·9 |
| 12 | ·048 | ·116 | ·017 | ·049 | ·058 | 73·1 | 98·2 | 98·2 | 88·2 | 89·4 | 103·1 | 69·4 | 33·7 | 8·0 | 170·0 | 66·9 | 60·7 | 8·7 | Calm | E | W | Calm | 54·9 |
| 13 | ·040 | ·077 | 28·948 | 28·991 | ·014 | 80·7 | 96·2 | 100·0 | 79·2 | 89·0 | 102·1 | 78·9 | 23·2 | 2·8 | 167·0 | 64·9 | 74·6 | 4·3 | E | W | W | Calm | 138·4 |
| 14 | 28·968 | ·045 | ·939 | 29·011 | 28·991 | 72·9 | 92·2 | 96·4 | 83·2 | 86·2 | 102·6 | 69·9 | 32·7 | 8·1 | 164·5 | 61·9 | 62·7 | 7·2 | Calm | W | W | E | 68·2 |
| 15 | 29·026 | ·086 | ·953 | 28·989 | 29·014 | 79·0 | 94·2 | 98·2 | 83·0 | 88·6 | 102·6 | 76·4 | 26·2 | 4·3 | 160·0 | 57·4 | 66·6 | 9·8 | E | E | E | E | 164·2 |
| 16 | 28·985 | ·121 | 29·024 | 29·096 | ·056 | 76·7 | 80·8 | 90·0 | 74·6 | 80·5 | 91·1 | 74·7 | 16·4 | 7·7 | 153·0 | 61·9 | 72·1 | 2·6 | NE | NW | N | Calm | 147·0 |
| 17 | 29·100 | ·172 | ·042 | ·062 | ·094 | 66·6 | 87·7 | 96·2 | 76·6 | 81·8 | 95·9 | 65·0 | 30·9 | 10·8 | 158·8 | 62·9 | 56·7 | 8·3 | Calm | E | N | Calm | 61·3 |
| 18 | ·048 | ·157 | ·041 | ·041 | ·072 | 70·9 | 86·2 | 95·2 | 77·2 | 82·4 | 95·8 | 65·5 | 30·3 | 7·7 | 160·5 | 64·7 | 57·7 | 7·8 | N | NW | NW | Calm | 127·7 |
| 19 | 28·973 | ·031 | 28·979 | ·075 | ·015 | 72·6 | 95·2 | 98·4 | 81·8 | 87·0 | 99·1 | 70·7 | 28·4 | 7·2 | 160·5 | 61·4 | 61·7 | 9·0 | E | NE | W | Calm | 90·3 |
| 20 | 29·058 | ·112 | ·980 | ·074 | ·056 | 70·1 | 93·2 | 97·2 | 81·7 | 85·5 | 99·1 | 67·8 | 31·3 | 9·9 | 166·0 | 66·9 | 59·4 | 8·4 | Calm | W | W | W | 82·1 |
| 21 | ·064 | ·132 | 29·042 | ·054 | ·073 | 73·4 | 91·7 | 95·2 | 73·1 | 83·4 | 96·4 | 68·2 | 28·2 | 11·5 | 161·0 | 64·6 | 60·7 | 7·5 | N | NW | NW | Calm | 154·5 |
| 22 | ·020 | ·034 | 28·912 | 28·959 | 28·981 | 64·0 | 91·2 | 98·2 | 73·1 | 81·6 | 98·4 | 62·0 | 36·4 | 12·3 | 164·0 | 65·6 | 48·8 | 13·2 | Calm | W | NW | Calm | 94·3 |
| 23 | 28·949 | ·019 | ·957 | 29·002 | ·982 | 63·2 | 93·7 | 102·0 | 75·5 | 83·6 | 102·3 | 60·0 | 42·3 | 12·4 | 164·4 | 62·1 | 48·8 | 11·2 | Calm | W | NW | Calm | 44·9 |
| 24 | 998 | ·065 | 29·002 | ·078 | 29·036 | 65·4 | 97·2 | 104·2 | 77·2 | 86·0 | 104·7 | 62·8 | 41·9 | 12·2 | 170·0 | 65·3 | 53·8 | 9·0 | Calm | E | W | Calm | 36·0 |
| 25 | 29·062 | ·125 | ·018 | ·051 | ·064 | 67·6 | 97·0 | 106·2 | 81·2 | 88·0 | 106·1 | 65·0 | 41·1 | 12·1 | 169·0 | 62·9 | 55·8 | 9·2 | Calm | N | SW | Calm | 41·4 |
| 26 | ·047 | ·092 | ·000 | ·040 | ·045 | 76·2 | 99·7 | 104·0 | 84·2 | 91·0 | 106·1 | 73·5 | 32·6 | 9·2 | 174·0 | 67·9 | 65·7 | 7·8 | N | N | NW | Calm | 73·1 |
| 27 | 28·990 | ·033 | 28·913 | 28·946 | 28·970 | 69·6 | 100·2 | 106·0 | 77·2 | 88·3 | 106·6 | 66·2 | 40·4 | 12·5 | 169·2 | 62·6 | 56·9 | 9·3 | W | N | W | Calm | 89·7 |
| 28 | ·914 | 28·949 | ·839 | ·899 | ·900 | 69·1 | 99·7 | 104·2 | 86·7 | 89·9 | 106·1 | 66·5 | 39·6 | 11·7 | 172·0 | 65·9 | 55·8 | 10·7 | NW | NE | E | NW | 40·7 |
| 29 | ·890 | ·900 | ·799 | ·871 | ·865 | 89·2 | 97·2 | 99·8 | 83·2 | 92·4 | 104·7 | 82·8 | 21·9 | 5·2 | 167·0 | 62·3 | 73·6 | 9·2 | NW | SW | N | Calm | 101·0 |
| 30 | ·894 | ·971 | ·904 | 29·011 | ·945 | 75·9 | 94·2 | 102·8 | 82·2 | 88·8 | 103·1 | 73·5 | 29·6 | 9·0 | 169·0 | 65·9 | 68·9 | 4·6 | E | NE | NW | N | 76·0 |
| Mean | 29·045 | 29·107 | 29·006 | 29·057 | 29·054 | 68·9 | 90·5 | 96·8 | 76·8 | 83·2 | 98·7 | 65·9 | 32·8 | Total 273·8 | 163·3 | 64·6 | 57·3 | 8·6 | ... | ... | ... | ... | 79·1 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-Fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 47·3 | 58·2 | 61·2 | 53·3 | 55·0 | 45·1 | ·151 | ·194 | ·155 | ·252 | ·188 | ·171 | 28 | 19 | 10 | 40 | 24 | 39 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* | *b.* |
| 2 | 46·3 | 60·2 | 64·2 | 55·8 | 56·6 | 45·1 | ·211 | ·230 | ·214 | ·324 | ·245 | ·197 | 49 | 21 | 13 | 52 | 34 | 48 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 48·3 | 64·2 | 64·2 | 57·2 | 58·5 | 47·7 | ·249 | ·267 | ·214 | ·325 | ·264 | ·256 | 56 | 19 | 13 | 47 | 34 | 62 | ... | 0 | 0 | 6 | 0 | *b.* | Pc. ∞ | *b.* |
| 4 | 52·3 | 62·2 | 64·7 | 58·7 | 59·5 | 49·7 | ·276 | ·268 | ·272 | ·331 | ·287 | ·248 | 50 | 23 | 19 | 43 | 34 | 51 | ... | 0 | 5 | 6 | 3 | *b.* | Pc.Pk.*c.* | Ck. *c.* |
| 5 | 55·8 | 64·2 | 66·2 | 60·2 | 61·6 | 55·1 | ·306 | ·434 | ·390 | ·378 | ·377 | ·338 | 48 | 47 | 32 | 49 | 44 | 59 | ... | 4 | 10 | 10 | 4 | Ck. *c.* | Pc. *o.* | Pk. *c.* |
| 6 | 59·2 | 66·2 | 66·0 | 58·7 | 62·5 | 56·4 | ·333 | ·370 | ·365 | ·324 | ·348 | ·323 | 42 | 29 | 29 | 42 | 36 | 49 | ... | 7 | 0 | 8 | 0 | Pk. *g.* | Pk.Cs.*g.* | *b.* / |
| 7 | 60·2 | 66·2 | 65·7 | 59·2 | 62·8 | 56·6 | ·415 | ·464 | ·333 | ·369 | ·395 | ·369 | 60 | 46 | 25 | 52 | 46 | 62 | 0·01 | 10 | 0 | 0 | 0 | Pc. *o.* | *b.* | *b.* |
| 8 | 55·8 | 64·2 | 67·7 | 62·2 | 62·5 | 54·6 | ·395 | ·381 | ·391 | ·472 | ·410 | ·383 | 76 | 36 | 29 | 67 | 52 | 79 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 56·7 | 66·2 | 69·2 | 62·4 | 63·6 | 55·1 | ·395 | ·397 | ·379 | ·381 | ·388 | ·377 | 72 | 33 | 23 | 41 | 42 | 73 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 58·0 | 69·2 | 69·7 | 64·4 | 65·3 | 57·1 | ·408 | ·433 | ·345 | ·476 | ·415 | ·403 | 69 | 30 | 19 | 56 | 43 | 72 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 59·2 | 68·7 | 67·2 | 62·7 | 64·5 | 57·1 | ·380 | ·361 | ·201 | ·297 | ·310 | ·351 | 54 | 23 | 10 | 26 | 28 | 54 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 12 | 60·2 | 67·2 | 66·2 | 65·2 | 64·7 | 59·9 | ·351 | ·252 | ·216 | ·315 | ·284 | ·391 | 43 | 14 | 12 | 23 | 23 | 54 | ... | 0 | 0 | 8 | 10 | ∞ | Pc.∞ / | Pc. ∞ |
| 13 | 63·2 | 67·2 | 67·6 | 63·2 | 65·3 | 61·6 | ·347 | ·279 | ·242 | ·367 | ·309 | ·318 | 33 | 16 | 12 | 37 | 25 | 31 | ... | 10 | 7 | 6 | 0 | Pc. *o.* | Pc.∞ / | ∞ |
| 14 | 60·7 | 65·2 | 65·2 | 62·7 | 63·5 | 59·5 | ·370 | ·261 | ·206 | ·297 | ·284 | ·371 | 46 | 17 | 12 | 26 | 25 | 51 | ... | 0 | 0 | 7 | 0 | *b.* | Pk. *c.* | *b.* |
| 15 | 62·2 | 66·2 | 67·7 | 62·2 | 64·6 | 61·8 | ·337 | ·270 | ·270 | ·283 | ·290 | ·359 | 34 | 17 | 15 | 25 | 23 | 40 | ... | 0 | 5 | 5 | 0 | *b.* | Cs.∞ / | ∞ / |
| 16 | 63·5 | 65·6 | 68·7 | 64·2 | 65·5 | 62·8 | ·411 | ·428 | ·417 | ·462 | ·429 | ·414 | 45 | 41 | 29 | 54 | 42 | 48 | ... | 8 | 8 | 0 | 0 | Pk. Pc. ∞ | *b.* | *b.* |
| 17 | 60·9 | 67·7 | 67·2 | 62·7 | 64·6 | 60·0 | ·460 | ·411 | ·279 | ·385 | ·384 | ·453 | 70 | 32 | 16 | 42 | 40 | 73 | ... | 0 | 0 | 3 | 0 | *b.* | Cs. *c.* | *b.* |
| 18 | 57·9 | 65·2 | 67·2 | 62·2 | 63·1 | 58·2 | ·309 | ·342 | ·292 | ·361 | ·326 | ·390 | 42 | 27 | 17 | 38 | 31 | 62 | ... | 0 | 3 | 0 | 0 | *b.* / | Ck.∞ / | *b.* |
| 19 | 59·2 | 67·7 | 67·2 | 65·0 | 64·8 | 59·0 | ·326 | ·310 | ·249 | ·394 | ·320 | ·345 | 41 | 19 | 14 | 36 | 28 | 46 | ... | 0 | 0 | 2 | 0 | ∞ | ∞ | ∞ |
| 20 | 61·2 | 65·2 | 65·2 | 60·2 | 62·9 | 60·0 | ·423 | ·248 | ·195 | ·237 | ·276 | ·416 | 57 | 16 | 11 | 22 | 26 | 61 | ... | 0 | 0 | 3 | 0 | ∞ | Pk. *c.* | *b.* |
| 21 | 57·9 | 63·2 | 69·8 | 59·2 | 62·5 | 55·6 | ·276 | ·200 | ·389 | ·320 | ·296 | ·276 | 34 | 13 | 23 | 39 | 27 | 40 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* / | *b.* |
| 22 | 54·1 | 70·2 | 74·7 | 62·2 | 65·3 | 52·1 | ·289 | ·457 | ·544 | ·415 | ·426 | ·260 | 48 | 31 | 30 | 51 | 40 | 46 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 55·9 | 74·2 | 78·9 | 64·0 | 68·3 | 53·6 | ·351 | ·584 | ·676 | ·444 | ·514 | ·328 | 61 | 37 | 33 | 50 | 45 | 62 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 57·7 | 76·3 | 81·3 | 63·0 | 69·6 | 56·6 | ·376 | ·625 | ·756 | ·387 | ·536 | ·378 | 60 | 35 | 34 | 42 | 43 | 66 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 58·0 | 67·2 | 69·7 | 65·2 | 65·0 | 57·9 | ·356 | ·268 | ·237 | ·409 | ·318 | ·388 | 53 | 15 | 11 | 38 | 29 | 63 | ... | 0 | 0 | 2 | 0 | *b.* | Ck. *b.* | *b.* |
| 26 | 61·2 | 70·8 | 71·2 | 63·2 | 66·6 | 60·5 | ·342 | ·366 | ·324 | ·301 | ·333 | ·356 | 38 | 19 | 15 | 26 | 25 | 43 | ... | 0 | 2 | 8 | 0 | *b.* | Cs.Pc. ∞ | *b.* |
| 27 | 58·7 | 70·2 | 73·2 | 65·2 | 66·8 | 57·7 | ·351 | ·336 | ·376 | ·462 | ·381 | ·366 | 48 | 17 | 16 | 49 | 33 | 57 | ... | 0 | 2 | 0 | 0 | *b.* | Cs. *b.* | *b.* |
| 28 | 57·2 | 71·7 | 74·2 | 64·2 | 66·8 | 57·3 | ·312 | ·401 | ·442 | ·301 | ·364 | ·349 | 43 | 21 | 20 | 23 | 27 | 54 | ... | 0 | 0 | 2 | 0 | *b.* | Cs. *c.* | *b.* |
| 29 | 64·7 | 68·2 | 67·2 | 63·2 | 65·8 | 62·8 | ·285 | ·302 | ·230 | ·314 | ·283 | ·306 | 21 | 17 | 12 | 27 | 19 | 27 | ... | 6 | 8 | 10 | 0 | Pc. ∞ / | Pc. *g.* | *b.* |
| 30 | 62·2 | 67·2 | 67·2 | 63·2 | 64·9 | 61·0 | ·378 | ·306 | ·190 | ·327 | ·300 | ·371 | 43 | 19 | 9 | 30 | 25 | 45 | ... | 10 | 6 | 3 | 0 | Pc. *o.* | Pc.Cs.*g.* | *b.* |
| Mean | 57·8 | 66·9 | 68·5 | 61·8 | 63·8 | 56·6 | ·339 | ·348 | ·326 | ·357 | ·343 | ·342 | 49 | 25 | 19 | 40 | 33 | 54 | Total 0·01 | 1·83 | 1·87 | 2·97 | 0·57 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·864 | 28·705 | 88·2 | 97·0 | 99·1 | 74·1 | 25·0 | 165·5 | 66·4 | 61·5 | 12·6 | NNE | ENE | NNE | ESE | 209 |
| 2 | ·923 | ·758 | 86·0 | 94·4 | 96·3 | 69·1 | 27·2 | 154·4 | 58·1 | 56·7 | 12·4 | NNE | SSE | SSE | SSW | 175 |
| 3 | ·966 | ·767 | 82·5 | 93·4 | 95·2 | 69·1 | 26·1 | 152·4 | 57·2 | 58·0 | 11·1 | S | E | E | SE | 167 |
| 4 | ·899 | ·739 | 89·2 | 95·4 | 99·1 | 68·2 | 30·9 | 158·7 | 59·6 | 53·4 | 14·8 | NNE | ESE | W | SE | 120 |
| 5 | ·879 | ·719 | 91·3 | 97·4 | 102·0 | 71·1 | 30·9 | 161·6 | 59·6 | 59·4 | 11·7 | SSW | SSW | SE | SSE | 160 |
| 6 | ·881 | ·713 | 94·2 | 101·0 | 104·2 | 75·3 | 28·9 | 161·4 | 57·2 | 62·8 | 12·5 | SW | SW | W | NE | 215 |
| 7 | ·838 | ·667 | 93·2 | 98·2 | 102·8 | 78·4 | 24·4 | 163·4 | 60·6 | 67·0 | 11·4 | ENE | S | E | NE | 130 |
| 8 | ·803 | ·646 | 91·2 | 98·1 | 102·2 | 76·5 | 25·7 | 162·4 | 60·2 | 63·7 | 12·8 | S | WSW | NNW | N | 137 |
| 9 | ·866 | ·708 | 86·8 | 98·1 | 100·1 | 76·2 | 23·9 | 161·9 | 61·8 | 69·9 | 6·3 | NE | ESE | NW | SSW | 201 |
| 10 | ·883 | ·725 | 92·6 | 102·4 | 103·2 | 72·0 | 31·2 | 162·8 | 59·6 | 60·7 | 11·3 | ENE | SSE | NW | E | 117 |
| 11 | ·844 | ·704 | 95·0 | 104·2 | 105·1 | 74·5 | 30·6 | 163·9 | 58·8 | 58·1 | 16·4 | WSW | SSW | WNW | NNE | 154 |
| 12 | ·819 | ·658 | 96·0 | 104·4 | 105·3 | 74·1 | 31·2 | 166·3 | 61·0 | 60·8 | 13·3 | NNW | S | E | SE | 122 |
| 13 | ·767 | ·654 | 98·5 | 94·2 | 104·4 | 76·6 | 27·8 | 165·7 | 61·3 | 62·6 | 14·0 | NNE | ESE | SSW | S | 196 |
| 14 | ·819 | ·698 | 92·9 | 93·1 | 104·5 | 74·8 | 29·7 | 168·4 | 63·9 | 61·3 | 13·5 | N | SW | N | SSW | 157 |
| 15 | ·866 | ·700 | 87·9 | 96·7 | 101·8 | 77·8 | 24·0 | 166·9 | 65·1 | 70·7 | 7·1 | S | SW | S | SE | 275 |
| 16 | ·834 | ·661 | 92·6 | 101·2 | 103·1 | 70·3 | 32·8 | 160·7 | 57·6 | 59·3 | 11·0 | E | SSW | WSW | SE | 185 |
| 17 | ·844 | ·724 | 92·7 | 95·0 | 102·2 | 74·9 | 27·3 | 163·3 | 61·1 | 63·3 | 11·6 | NE | S | SSW | NW | 164 |
| 18 | ·819 | ·651 | 95·7 | 103·0 | 105·4 | 72·3 | 33·1 | 163·4 | 58·0 | 58·1 | 14·2 | NNW | WSW | NNW | NNW | 120 |
| 19 | ·753 | ·626 | 101·3 | 106·4 | 107·2 | 76·1 | 31·1 | 171·9 | 64·7 | 62·3 | 13·8 | NNE | N | W | NNW | 137 |
| 20 | ·757 | ·607 | 102·0 | 107·4 | 109·2 | 76·0 | 33·2 | 165·9 | 56·7 | 59·6 | 16·4 | NNE | NE | | NNE | 156 |
| 21 | ·773 | ·634 | 101·2 | 104·9 | 107·0 | 78·0 | 29·0 | 164·6 | 57·6 | 62·8 | 15·2 | NNE | ENE | NE | ESE | 134 |
| 22 | ·717 | ·579 | 101·4 | 106·2 | 107·2 | 81·8 | 25·4 | 167·0 | 59·8 | 68·3 | 13·5 | N | NNE | NNE | ENE | 131 |
| 23 | ·743 | ·625 | 102·4 | 106·7 | 108·5 | 76·0 | 32·5 | 168·4 | 59·9 | 59·6 | 16·4 | NE | ENE | NNW | E | 121 |
| 24 | ·804 | ·662 | 99·7 | 107·2 | 108·6 | 73·8 | 34·8 | 163·9 | 55·3 | 57·8 | 16·0 | NE | S | E | NE | 105 |
| 25 | ·836 | ·678 | 99·7 | 107·4 | 109·9 | 75·4 | 34·5 | 165·2 | 55·3 | 62·4 | 13·0 | NNE | WSW | W | SW | 165 |
| 26 | ·794 | ·640 | 101·8 | 110·1 | 110·6 | 80·0 | 30·6 | 167·4 | 56·8 | 67·8 | 12·2 | W | WSW | S | NE | 143 |
| 27 | ·721 | ·557 | 103·0 | 110·1 | 110·7 | 77·4 | 33·3 | 168·6 | 57·9 | 64·1 | 13·3 | N | NNE | SE | NNE | 119 |
| 28 | ·693 | ·543 | 102·2 | 108·5 | 111·1 | 79·8 | 31·3 | 166·9 | 55·8 | 66·8 | 13·0 | E | W | S | W | 194 |
| 29 | ·683 | ·533 | 102·2 | 108·2 | 110·1 | 83·4 | 26·7 | 175·4 | 65·3 | 71·7 | 11·7 | WSW | WNW | W | NE | 209 |
| 30 | ·733 | ·578 | 101·8 | 106·2 | 109·2 | 78·8 | 30·4 | 165·7 | 56·5 | 63·8 | 15·0 | WSW | NW | WNW | SW | 229 |
| Mean | 28·814 | 28·662 | 95·5 | 101·9 | 104·8 | 75·4 | 29·5 | 164·5 | 59·6 | 62·5 | 12·9 | ... | ... | ... | ... | 616. |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 71·4 | 70·9 | 56·8 | ·563 | ·434 | ·253 | 42 | 25 | 29 | ... | 0 | 7 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 2 | 68·9 | 69·9 | 60·7 | ·497 | ·427 | ·423 | 40 | 26 | 60 | ... | 7 | 3 | C. *ct.* ≺ | Pc. K. *c.* | Pc. K. Pk. *c.* |
| 3 | 68·7 | 70·4 | 61·8 | ·526 | ·458 | ·466 | 48 | 29 | 65 | 0·01 | 3 | 3 | C. *c.* ≺ *d.* | Pc. K. *c.* | Pc. K. *c.* |
| 4 | 69·9 | 70·8 | 59·8 | ·493 | ·453 | ·414 | 35 | 27 | 59 | 0·02 | 0 | 8 | *b. t. d.* ≺ | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 5 | 71·3 | 71·9 | 59·4 | ·522 | ·466 | ·364 | 35 | 26 | 47 | ... | 0 | 5 | *b.* | Pc. K. *c.* | Pc. K. Pk. *c.* |
| 6 | 68·8 | 70·8 | 62·0 | ·391 | ·380 | ·392 | 24 | 19 | 44 | ... | 0 | 7 | *b.* | Pc. K Pk. *c.* | Pc. K. Pk. *c.* / |
| 7 | 68·7 | 69·9 | 63·8 | ·392 | ·380 | ·417 | 26 | 20 | 43 | 0·01 | 2 | 7 | C. *b. c.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 8 | 68·1 | 67·9 | 63·3 | ·398 | ·307 | ·422 | 27 | 16 | 45 | 0·01 | 2 | 8 | C. K. *b. c.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 9 | 71·7 | 70·6 | 63·0 | ·585 | ·402 | ·411 | 46 | 22 | 45 | ... | 1 | 5 | C. *b. c.* | Pc. K. Pk. *c.* | Pc. Pk. *c.* |
| 10 | 70·7 | 71·0 | 60·2 | ·472 | ·365 | ·373 | 31 | 17 | 48 | ... | 0 | 4 | *b.* | Pc. Ck. *c.* | Pc. Ck. c. |
| 11 | 69·7 | 70·9 | 60·8 | ·406 | ·343 | ·367 | 25 | 15 | 42 | ... | 0 | 3 | *b.* | Pc. K. *c.* | Pc. Ck. *bc.* |
| 12 | 71·5 | 72·8 | 59·0 | ·465 | ·417 | ·315 | 27 | 19 | 37 | ... | 0 | 5 | *b.* | Pc. Ck. *c.* | Pc. Ck. *c.* |
| 13 | 72·4 | 68·5 | 60·3 | ·473 | ·376 | ·326 | 25 | 23 | 35 | ... | 0 | 10 | *b.* | P. Pk. *o. t.* / | Pc. Pk. g. |
| 14 | 69·8 | 68·7 | 62·2 | ·446 | ·392 | ·401 | 29 | 26 | 47 | ... | 0 | 9 | *b.* | P. Pk. *ct.* | Pc. K. Pk. *c.* |
| 15 | 68·9 | 68·5 | 62·6 | ·472 | ·344 | ·377 | 36 | 20 | 40 | ... | 9 | 7 | Pc. K. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 16 | 68·7 | 68·9 | 58·4 | ·398 | ·306 | ·343 | 26 | 15 | 45 | ... | 0 | 3 | *b.* | Pc. K. *c.* ≺ | Pc. K. *c.* |
| 17 | 70·1 | 68·6 | 63·7 | ·453 | ·366 | ·447 | 29 | 22 | 51 | 0·25 | 2 | 9 | C. *c.* | Pc. K. Pk. *ct.* | Pc. K. Pk. *c.* |
| 18 | 71·2 | 68·7 | 60·5 | ·453 | ·269 | ·383 | 27 | 13 | 48 | ... | 0 | 5 | *b.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 19 | 69·4 | 69·9 | 61·7 | ·322 | ·277 | ·367 | 16 | 12 | 41 | ... | 1 | 5 | C. *b. c.* | Pc. K. *c.* | Pc. K. *c.* |
| 20 | 67·4 | 71·4 | 59·8 | ·243 | ·321 | ·317 | 12 | 13 | 35 | ... | 0 | 5 | *b.* | Pc. K. *c.* | Pc. K. c. |
| 21 | 67·2 | 68·9 | 59·3 | ·238 | ·259 | ·277 | 12 | 12 | 29 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 68·9 | 69·9 | 62·2 | ·303 | ·280 | ·314 | 15 | 12 | 29 | ... | 0 | 5 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 23 | 66·0 | 69·9 | 59·8 | ·185 | ·274 | ·317 | 9 | 11 | 35 | ... | 3 | 2 | C. *c.* | C. Pc. *bc.* | C. Pc. *bc.* |
| 24 | 69·7 | 69·8 | 56·1 | ·346 | ·264 | ·230 | 19 | 11 | 28 | ... | 0 | 0 | *b.* | *b.* | C *b.* |
| 25 | 71·9 | 71·9 | 57·6 | ·437 | ·340 | ·255 | 23 | 14 | 29 | ... | 0 | 3 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 26 | 72·4 | 72·9 | 65·8 | ·429 | ·345 | ·462 | 21 | 13 | 44 | ... | 0 | 0 | *b.* | *b.* H / | *b.* H / |
| 27 | 68·9 | 70·4 | 61·7 | ·284 | ·249 | ·351 | 13 | 10 | 37 | ... | 0 | 2 | *b.* | Pc. *c.* H / | Pc. K. *c.* H / |
| 28 | 69·7 | 71·1 | 60·4 | ·315 | ·289 | ·286 | 16 | 12 | 28 | ... | 0 | 7 | *b.* | Pc. K. *c.* H / | Pc. K H / |
| 29 | 69·9 | 71·9 | 67·0 | ·330 | ·331 | ·457 | 16 | 13 | 40 | ... | 1 | 7 | C. *b. c.* | Pc. K. Pk. *c.* H / | Pc. K. Pk. H / |
| 30 | 69·4 | 69·5 | 61·6 | ·315 | ·262 | ·333 | 16 | 11 | 34 | ... | 2 | 6 | C. K. *b. c.* | Pc. K. *c.* | Pc. K. *c.* |
| Mean | 69·7 | 70·2 | 61·0 | ·405 | ·346 | ·362 | 26 | 17 | 41 | Total 0·30 | 1·10 | 5·00 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·837 | 29·866 | 29·753 | 29·871 | 29·819 | 74·4 | 80·9 | 83·3 | 78·6 | 80·0 | 85·8 | 73·5 | 12·3 | 10·7 | 142·8 | 57·0 | 62·7 | 10·8 | NW | E | WNW | SSW | 176 |
| 2 | ·848 | ·890 | ·770 | ·905 | ·842 | 76·4 | 82·1 | 82·7 | 79·0 | 80·8 | 85·7 | 75·0 | 10·7 | 10·6 | 143·1 | 57·4 | 65·2 | 9·8 | SE | SSW | W | SSE | 207 |
| 3 | ·855 | ·928 | ·788 | ·872 | ·854 | 76·9 | 81·9 | 83·1 | 78·1 | 81·0 | 87·1 | 76·0 | 11·1 | 10·6 | 144·6 | 57·5 | 66·3 | 9·7 | SSW | ESE | WNW | NNW | 220 |
| 4 | ·847 | ·904 | ·787 | ·868 | ·842 | 74·6 | 81·3 | 83·4 | 78·6 | 80·5 | 86·3 | 74·0 | 12·3 | 10·5 | 141·8 | 55·5 | 64·7 | 9·3 | N | NW | NW | NNW | 265 |
| 5 | ·835 | ·898 | ·787 | ·897 | ·846 | 76·3 | 82·3 | 84·2 | 79·6 | 81·3 | 86·6 | 74·9 | 11·7 | 10·4 | 142·6 | 56·0 | 68·5 | 6·4 | N | NNW | NW | NNW | 344 |
| 6 | ·902 | ·946 | ·829 | ·901 | ·883 | 76·3 | 83·0 | 82·9 | 78·3 | 81·0 | 85·9 | 75·5 | 10·4 | 10·8 | 142·3 | 56·4 | 65·7 | 9·8 | NNE | NNW | NW | NW | 349 |
| 7 | ·871 | ·921 | ·790 | ·867 | ·854 | 76·7 | 81·3 | 82·8 | 78·1 | 80·6 | 85·9 | 76·5 | 9·4 | 10·9 | 144·4 | 58·5 | 69·4 | 7·1 | NE | SSE | WNW | WNW | 268 |
| 8 | ·829 | ·887 | ·746 | ·840 | ·815 | 75·3 | 81·3 | 82·8 | 78·1 | 80·2 | 85·6 | 74·9 | 10·7 | 8·8 | 142·9 | 57·3 | 65·7 | 9·2 | N | E | WNW | NW | 252 |
| 9 | ·800 | ·844 | ·723 | ·833 | ·791 | 74·7 | 81·7 | 82·5 | 78·2 | 80·1 | 84·9 | 74·4 | 10·5 | 10·9 | 142·2 | 57·3 | 65·0 | 9·4 | N | NW | WNW | NW | 256 |
| 10 | ·845 | ·884 | ·775 | ·887 | ·838 | 75·5 | 81·7 | 83·3 | 78·2 | 80·5 | 86·0 | 75·0 | 11·0 | 9·9 | 144·1 | 58·1 | 66·5 | 8·5 | NW | E | WNW | W | 207 |
| 11 | ·864 | ·915 | ·795 | ·856 | ·852 | 76·7 | 82·3 | 83·2 | 78·5 | 81·0 | 86·4 | 76·0 | 10·4 | 10·0 | 144·6 | 58·2 | 68·0 | 8·0 | W | WSW | NW | NNW | 199 |
| 12 | ·850 | ·893 | ·749 | ·831 | ·822 | 76·6 | 81·6 | 85·5 | 79·5 | 81·6 | 86·9 | 75·9 | 11·0 | 7·2 | 147·6 | 60·7 | 67·7 | 8·2 | WNW | NNW | NW | NNW | 266 |
| 13 | ·807 | ·863 | ·718 | ·793 | ·797 | 78·4 | 85·2 | 87·9 | 79·3 | 82·8 | 88·1 | 77·3 | 10·8 | 6·1 | 148·1 | 60·0 | 69·1 | 8·2 | NNW | NW | N | NNW | 325 |
| 14 | ·800 | ·855 | ·722 | ·816 | ·786 | 77·4 | 83·5 | 86·1 | 79·6 | 83·8 | 93·5 | 75·7 | 17·8 | 4·7 | 151·5 | 58·0 | 68·9 | 6·8 | N | W | NW | N | 328 |
| 15 | ·825 | ·873 | ·735 | ·828 | ·805 | 76·7 | 83·3 | 85·8 | 79·2 | 82·3 | 88·6 | 76·0 | 12·6 | 9·1 | 143·6 | 55·0 | 68·5 | 7·5 | NNE | WNW | NW | NW | 319 |
| 16 | ·828 | ·878 | ·777 | ·849 | ·827 | 77·6 | 82·4 | 83·4 | 78·7 | 81·3 | 86·7 | 76·0 | 10·7 | 11·2 | 144·0 | 57·3 | 65·6 | 10·4 | NW | NW | WNW | WNW | 212 |
| 17 | ·874 | ·918 | ·786 | ·856 | ·851 | 76·6 | 81·0 | 83·4 | 78·8 | 80·6 | 85·4 | 76·0 | 9·4 | 10·3 | 144·5 | 59·1 | 67·9 | 8·1 | NNE | WNW | WNW | NW | 217 |
| 18 | ·831 | ·880 | ·740 | ·805 | ·806 | 76·6 | 83·3 | 83·8 | 79·7 | 81·6 | 86·2 | 75·9 | 10·3 | 10·2 | 143·5 | 57·3 | 68·9 | 7·0 | NNE | NNW | NW | NNW | 292 |
| 19 | ·774 | ·823 | ·722 | ·836 | ·779 | 78·4 | 84·6 | 85·3 | 81·1 | 83·0 | 87·1 | 77·0 | 10·1 | 10·7 | 143·9 | 56·8 | 69·2 | 7·8 | NE | WNW | NW | NW | 282 |
| 20 | ·810 | ·835 | ·663 | ·757 | ·755 | 78·6 | 84·4 | 87·1 | 81·3 | 83·8 | 89·2 | 77·8 | 11·4 | 10·2 | 143·5 | 54·3 | 69·1 | 8·7 | W | NW | NW | NNW | 327 |
| 21 | ·753 | ·781 | ·653 | ·761 | ·727 | 78·4 | 85·1 | 86·4 | 81·3 | 83·6 | 88·5 | 78·0 | 10·5 | 9·3 | 148·4 | 59·9 | 69·7 | 8·3 | NNE | WNW | NW | NNW | 274 |
| 22 | ·740 | ·782 | ·633 | ·728 | ·710 | 80·4 | 85·6 | 86·7 | 82·4 | 84·6 | 89·3 | 79·8 | 9·5 | 8·9 | 148·0 | 58·7 | 74·2 | 5·6 | SW | NNW | NW | NNW | 310 |
| 23 | ·744 | ·812 | ·683 | ·771 | ·747 | 78·2 | 83·7 | 85·3 | 80·4 | 83·0 | 88·6 | 77·6 | 11·0 | 9·8 | 144·8 | 56·2 | 71·2 | 6·4 | NW | WNW | NW | NNW | 308 |
| 24 | ·794 | ·857 | ·744 | ·822 | ·797 | 78·4 | 83·7 | 85·4 | 80·5 | 82·5 | 87·7 | 77·7 | 10·0 | 10·7 | 144·8 | 57·1 | 69·0 | 8·7 | NNE | SW | WNW | NW | 187 |
| 25 | ·843 | ·882 | ·768 | ·885 | ·836 | 79·0 | 83·8 | 85·0 | 80·5 | 82·8 | 86·6 | 77·8 | 8·8 | 10·1 | 147·2 | 60·6 | 69·2 | 8·6 | S | WSW | WNW | SSW | 235 |
| 26 | ·861 | ·906 | ·784 | ·838 | ·842 | 80·2 | 84·6 | 85·5 | 80·6 | 83·7 | 88·7 | 80·0 | 8·7 | 10·1 | 145·2 | 56·5 | 72·6 | 7·4 | W | WSW | W | W | 188 |
| 27 | ·789 | ·839 | ·698 | ·768 | ·767 | 78·7 | 84·5 | 85·3 | 81·0 | 83·0 | 88·1 | 78·0 | 10·1 | 10·6 | 144·1 | 56·0 | 70·4 | 7·6 | SSW | SSW | WNW | NW | 221 |
| 28 | ·743 | ·798 | ·680 | ·732 | ·733 | 80·0 | 85·7 | 86·5 | 81·3 | 84·2 | 89·2 | 78·1 | 11·1 | 11·0 | 146·1 | 56·9 | 70·0 | 8·1 | SSE | SSW | WNW | NW | 259 |
| 29 | ·740 | ·770 | ·634 | ·703 | ·705 | 80·3 | 85·0 | 86·8 | 81·4 | 84·0 | 88·9 | 79·4 | 9·5 | 11·1 | 147·2 | 58·3 | 73·1 | 6·3 | S | WSW | WNW | NW | 265 |
| 30 | ·709 | ·766 | ·644 | ·717 | ·704 | 78·8 | 84·4 | 87·0 | 81·6 | 83·8 | 89·2 | 78·0 | 11·2 | 11·0 | 147·1 | 57·9 | 71·1 | 6·9 | N | WNW | WNW | NW | 272 |
| Mean | 29·815 | 29·863 | 29·736 | 29·823 | 29·801 | 77·4 | 83·2 | 84·7 | 79·7 | 82·1 | 87·4 | 76·6 | 10·8 | Total 296·4 | 145·0 | 57·5 | 67·8 | 8·2 | ... | ... | ... | ... | 261·0 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 70·9 | 74·5 | 74·3 | 74·3 | 73·8 | 69·9 | ·711 | ·769 | ·728 | ·792 | ·750 | ·685 | 84 | 73 | 63 | 81 | 75 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 73·3 | 76·0 | 76·2 | 74·5 | 75·2 | 72·0 | ·780 | ·817 | ·817 | ·795 | ·802 | ·746 | 86 | 75 | 73 | 80 | 79 | 86 | ... | 0 | 1 | 0 | 3 | Ck. | K. | K. |
| 3 | 74·3 | 75·9 | 76·5 | 74·3 | 75·6 | 72·8 | ·815 | ·815 | ·825 | ·798 | ·813 | ·764 | 88 | 75 | 73 | 83 | 80 | 85 | ... | 1 | 0 | 0 | 0 | K. | K. | *b.* |
| 4 | 72·6 | 75·1 | 75·0 | 73·7 | 74·3 | 71·7 | ·775 | ·786 | ·755 | ·767 | ·771 | ·747 | 90 | 74 | 65 | 78 | 77 | 89 | ... | 3 | 0 | 0 | 0 | K. Ck. C. | K. | *b.* |
| 5 | 73·5 | 75·9 | 75·1 | 72·7 | 74·7 | 72·0 | ·790 | ·809 | ·750 | ·712 | ·765 | ·747 | 87 | 73 | 64 | 70 | 74 | 86 | ... | 3 | 2 | 0 | 0 | K. Ck. C. | K. Ck. | *b.* |
| 6 | 71·4 | 74·8 | 74·6 | 74·5 | 74·2 | 70·7 | ·704 | ·753 | ·746 | ·804 | ·752 | ·688 | 77 | 66 | 66 | 83 | 73 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 73·9 | 75·7 | 75·4 | 73·9 | 74·9 | 73·3 | ·800 | ·815 | ·781 | ·781 | ·794 | ·778 | 87 | 77 | 69 | 81 | 79 | 85 | ... | 3 | 1 | 0 | 6 | K. Ck. | K. | K |
| 8 | 72·2 | 75·4 | 76·2 | 74·5 | 74·9 | 71·7 | ·750 | ·802 | ·816 | ·807 | ·794 | ·735 | 86 | 74 | 73 | 84 | 79 | 85 | ... | 3 | 5 | 0 | 5 | K. | K. Ck. | K. Ck. |
| 9 | 72·0 | 75·7 | 76·5 | 74·5 | 75·0 | 71·7 | ·750 | ·809 | ·833 | ·805 | ·799 | ·742 | 87 | 75 | 75 | 83 | 80 | 87 | ... | 0 | 0 | 0 | 4 | *b.* | K. | K. Ck. |
| 10 | 73·2 | 76·1 | 77·5 | 74·9 | 75·8 | 72·6 | ·788 | ·827 | ·867 | ·822 | ·826 | ·770 | 89 | 77 | 76 | 85 | 82 | 88 | ... | 1 | 2 | 5 | 3 | K. | K. Ck. C. | K. Ck. |
| 11 | 74·4 | 76·5 | 77·5 | 76·2 | 76·4 | 73·8 | ·822 | ·836 | ·868 | ·874 | ·850 | ·805 | 90 | 76 | 76 | 90 | 83 | 90 | ... | 1 | 0 | 0 | 0 | K. Ck. | K. Ck. | K. Ck. |
| 12 | 74·7 | 76·7 | 74·9 | 75·4 | 75·7 | 73·9 | ·835 | ·854 | ·724 | ·827 | ·810 | ·811 | 91 | 79 | 59 | 82 | 78 | 91 | ... | 3 | 8 | 0 | 0 | K. Ck. | K. Ck. | K. Ck. |
| 13 | 74·8 | 73·4 | 72·3 | 74·0 | 73·3 | 72·2 | ·815 | ·665 | ·584 | ·770 | ·708 | ·730 | 84 | 55 | 44 | 77 | 65 | 77 | 0·02 | 2 | 1 | 7 | 5 | Pk.K.Ck.*r.* | Pk. K. Ck. C. *o. t.* | Pk. K. |
| 14 | 72·6 | 75·5 | 77·3 | 75·5 | 74·2 | 70·7 | ·738 | ·777 | ·819 | ·830 | ·791 | ·686 | 79 | 68 | 82 | 82 | 78 | 77 | ... | 1 | 9 | 5 | 0 | K. Ck. | Pk.K.Ck.C | K. Ck. |
| 15 | 72·7 | 76·9 | 76·0 | 73·5 | 75·2 | 70·6 | ·751 | ·839 | ·767 | ·750 | ·777 | ·677 | 82 | 73 | 75 | 75 | 76 | 75 | ... | 4 | 4 | 0 | 0 | K. Ck. | K. Ck. C. | K. |
| 16 | 73·5 | 76·5 | 75·6 | 73·5 | 75·1 | 72·0 | ·772 | ·834 | ·782 | ·757 | ·786 | ·732 | 82 | 75 | 68 | 77 | 76 | 82 | ... | 0 | 0 | 0 | 4 | *b* | Ck. C. | K. |
| 17 | 72·5 | 73·6 | 75·1 | 74·2 | 75·9 | 71·9 | ·745 | ·730 | ·778 | ·785 | ·760 | ·728 | 82 | 69 | 66 | 80 | 74 | 82 | ... | 2 | 1 | 0 | 2 | K. Ck. | K. | K. |
| 18 | 72·9 | 76·0 | 77·3 | 76·3 | 75·8 | 72·7 | ·760 | ·800 | ·850 | ·862 | ·818 | ·762 | 83 | 70 | 73 | 85 | 78 | 85 | ... | 2 | 0 | 0 | 0 | K. Ck. | *b.* | Ck. |
| 19 | 74·6 | 76·9 | 78·3 | 77·4 | 77·3 | 73·9 | ·807 | ·822 | ·876 | ·891 | ·849 | ·797 | 83 | 69 | 72 | 84 | 80 | 86 | ... | 1 | 2 | 4 | 3 | K. Ck. | K. Ck. C. | K. Ck. |
| 20 | 75·4 | 78·3 | 76·4 | 76·6 | 76·8 | 73·8 | ·838 | ·888 | ·766 | ·853 | ·836 | ·781 | 85 | 75 | 59 | 80 | 75 | 82 | ... | 3 | 4 | 0 | 0 | K. Ck. | K. Ck. C. | K. Ck. |
| 21 | 74·8 | 79·1 | 76·6 | 77·2 | 76·9 | 74·4 | ·815 | ·914 | ·784 | ·880 | ·848 | ·804 | 84 | 76 | 62 | 83 | 76 | 84 | ... | 3 | 1 | 0 | 6 | K. Ck. | K. Ck. | K. Ck. |
| 22 | 78·1 | 79·0 | 76·3 | 77·5 | 77·5 | 76·4 | ·932 | ·903 | ·767 | ·879 | ·870 | ·865 | 90 | 74 | 60 | 79 | 76 | 85 | ... | 4 | 4 | 0 | 0 | K Ck. | K. Ck. C. | Ck. |
| 23 | 75·0 | 75·7 | 79·2 | 76·9 | 77·3 | 73·6 | ·826 | ·782 | ·917 | ·910 | ·859 | ·776 | 85 | 68 | 76 | 86 | 79 | 82 | ... | 7 | 1 | 0 | 0 | K. Ck. C. | K. Ck. | *b.* |
| 24 | 75·5 | 77·7 | 77·5 | 76·5 | 77·1 | 74·0 | ·845 | ·870 | ·838 | ·860 | ·853 | ·791 | 87 | 75 | 68 | 83 | 78 | 83 | ... | 1 | 0 | 0 | 0 | Ck. C. | *b.* | *b.* |
| 25 | 75·9 | 77·3 | 78·4 | 77·3 | 77·5 | 73·5 | ·834 | ·850 | ·887 | ·895 | ·867 | ·769 | 87 | 73 | 74 | 86 | 80 | 81 | ... | 2 | 0 | 6 | 1 | Ck. C. | Ck. | K. |
| 26 | 77·1 | 78·1 | 78·5 | 76·8 | 78·0 | 74·9 | ·891 | ·844 | ·882 | ·872 | ·872 | ·798 | 87 | 74 | 72 | 84 | 79 | 78 | ... | 9 | 0 | 2 | 2 | Pk.K.Ck C. | K. | K. Ck. |
| 27 | 75·2 | 77·8 | 78·9 | 77·6 | 77·6 | 74·8 | ·828 | ·860 | ·902 | ·902 | ·873 | ·820 | 84 | 73 | 74 | 85 | 79 | 85 | ... | 2 | 0 | 0 | 0 | K. Ck. | K. | *b.* |
| 28 | 76·6 | 79·6 | 79·2 | 77·6 | 78·5 | 75·2 | ·871 | ·930 | ·901 | ·898 | ·900 | ·836 | 84 | 76 | 71 | 84 | 79 | 86 | ... | 3 | 0 | 0 | 0 | K. Ck. C. | *b.* | *b.* |
| 29 | 76·2 | 77·1 | 78·5 | 75·9 | 77·1 | 75·7 | ·850 | ·825 | ·864 | ·883 | ·856 | ·840 | 82 | 68 | 68 | 77 | 74 | 84 | ... | 2 | 0 | 0 | 0 | Ck. C. | Ck. | *b.* |
| 30 | 75·5 | 78·4 | 78·6 | 78·3 | 77·8 | 73·8 | ·840 | ·892 | ·865 | ·926 | ·881 | ·840 | 86 | 75 | 67 | 86 | 79 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| Mean | 74·2 | 76·5 | 76·7 | 75·9 | 76·0 | 73·0 | ·803 | ·824 | ·811 | ·833 | ·818 | ·768 | 85 | 73 | 69 | 82 | 77 | 84 | Total 0·02 | 2·20 | 1·53 | 0·97 | 1·47 | ... | ... | .. |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·883 | 29·788 | 29·876 | 29·841 | 87·9 | 85·8 | 79·8 | 82·1 | 90·1 | 75·6 | 14·5 | 145·2 | 55·1 | 72·8 | 2·8 | SSE | ESE | 70 | 114 | 184 |
| 2 | ·948 | ·826 | ·924 | ·891 | 84·9 | 86·8 | 80·0 | 81·3 | 90·5 | 74·2 | 16·3 | 142·5 | 52·0 | 72·3 | 1·9 | ESE | E by N | 30 | 116 | 146 |
| 3 | ·960 | ·830 | ·929 | ·898 | 88·9 | 86·8 | 81·6 | 82·8 | 90·1 | 74·5 | 15·6 | 148·0 | 57·9 | 72·6 | 1·9 | NNE | ENE | 57 | 124 | 181 |
| 4 | ·922 | ·805 | ·913 | ·873 | 87·9 | 88·9 | 80·6 | 83·3 | 91·6 | 76·5 | 15·1 | 145·9 | 54·3 | 72·3 | 4·2 | ENE | ENE | 48 | 120 | 168 |
| 5 | ·930 | ·841 | ·945 | ·899 | 88·9 | 87·0 | 81·8 | 83·3 | 91·4 | 76 1 | 15·3 | 146·8 | 55·4 | 73·8 | 2·3 | E by N | E by N | 50 | 85 | 135 |
| 6 | ·992 | ·865 | ·944 | ·926 | 89·7 | 87·9 | 81·3 | 83·7 | 90·6 | 76·8 | 13·8 | 147·8 | 57·2 | 74·8 | 2·0 | E | ESE | 44 | 87 | 131 |
| 7 | ·957 | ·827 | ·930 | ·897 | 88·7 | 85·8 | 81·6 | 82·5 | 89·9 | 74·6 | 15·3 | 143·5 | 53·6 | 71·4 | 3·2 | SE | SE | 45 | 123 | 168 |
| 8 | ·917 | ·772 | ·880 | ·847 | 89·6 | 85·8 | 81·0 | 83·4 | 89·6 | 77·7 | 11·9 | 145·6 | 56 0 | 76·5 | 1·2 | SSE | SE | 63 | 139 | 202 |
| 9 | ·936 | ·786 | ·891 | ·862 | 87·9 | 86·6 | 81·8 | 82·6 | 90·2 | 75·0 | 15·2 | 142·3 | 52·1 | 73·0 | 2·0 | SE by S | SE | 61 | 106 | 167 |
| 10 | ·958 | ·826 | ·931 | ·897 | 89·9 | 85·8 | 82·2 | 83·8 | 90·6 | 77·8 | 12·8 | 146·7 | 56·1 | 75·6 | 2·2 | ESE | SE by E | 51 | 96 | 147 |
| 11 | ·910 | ·810 | ·920 | ·873 | 87·4 | 87·0 | 82·0 | 83·1 | 91·4 | 76·6 | 14·8 | 148·9 | 57·5 | 74·1 | 2·5 | SSE | SE | 43 | 114 | 157 |
| 12 | ·880 | ·761 | ·883 | ·833 | 90·5 | 86·4 | 81·0 | 83·5 | 93·8 | 76·8 | 17·0 | 147·7 | 53·9 | 74·8 | 2 0 | SSW | SE by E | 63 | 112 | 175 |
| 13 | ·872 | ·740 | ·824 | ·804 | 90·0 | 86·8 | 81·8 | 83·4 | 90·5 | 75·8 | 14·7 | 143·3 | 52·8 | 74·6 | 1·2 | SSE | SE | 65 | 106 | 171 |
| 14 | ·904 | ·786 | ·867 | ·845 | 86·3 | 86·2 | 81·8 | 81·9 | 90·4 | 74·1 | 16·3 | 142·5 | 52·1 | 71·4 | 2·7 | SE | SE by E | 55 | 96 | 151 |
| 15 | ·939 | 804 | ·893 | ·870 | 89·9 | 88·1 | 82·8 | 84·3 | 91·6 | 77·0 | 14·6 | 145·6 | 54·0 | 75·4 | 1·6 | ESE | E by S | 42 | 113 | 155 |
| 16 | ·923 | ·775 | ·893 | ·856 | 88·8 | 87·9 | 83·1 | 84·1 | 90·6 | 76·8 | 13·8 | 147·1 | 56·5 | 74·8 | 2·0 | SE | SE | 50 | 124 | 174 |
| 17 | ·901 | ·768 | ·877 | ·842 | 88·9 | 87·6 | 80·8 | 83·9 | 91·1 | 78·6 | 12·5 | 146·6 | 55·5 | 68·2 | 10·4 | S | SE | 43 | 101 | 144 |
| 18 | ·855 | ·731 | ·815 | ·793 | 90·9 | 87 5 | 81·8 | 83·7 | 92·0 | 75·2 | 16·8 | 144·9 | 52·9 | 68·7 | 6·5 | SSE | SE by S | 54 | 107 | 161 |
| 19 | ·825 | ·709 | ·840 | ·785 | 90·9 | 88·5 | 82·4 | 84·3 | 91·9 | 76·2 | 15·7 | 147·0 | 55·1 | 74·7 | 1·5 | S by E | SE by S | 79 | 107 | 186 |
| 20 | ·818 | ·689 | ·794 | ·760 | 89·7 | 87·0 | 81·8 | 83·5 | 91·1 | 76·0 | 15·1 | 145·5 | 54·4 | 73·7 | 2·3 | S by E | SE by S | 74 | 109 | 183 |
| 21 | ·821 | ·676 | ·768 | ·747 | 90·4 | 90·3 | 81·8 | 84·7 | 93·2 | 77·0 | 16·2 | 147·0 | 53·8 | 74·8 | 2·2 | S | SE by S | 79 | 112 | 191 |
| 22 | ·777 | ·635 | ·741 | ·710 | 92·3 | 88·9 | 83·6 | 85·2 | 91·2 | 76·6 | 14·6 | 150·6 | 59·4 | 73·7 | 2·9 | S by W | SE by S | 85 | 114 | 199 |
| 23 | ·783 | ·679 | ·793 | ·746 | 92·0 | 87·2 | 82·8 | 85·2 | 92·2 | 79·1 | 13·1 | 140·8 | 48·6 | 77·9 | 1·2 | S by W | SE by S | 104 | 135 | 239 |
| 24 | ·889 | ·783 | ·916 | ·857 | 89·1 | 87·0 | 82·0 | 83·7 | 90·5 | 77·2 | 13·3 | 140·3 | 49 8 | 76·7 | 0·5 | SE by S | SE | 64 | 109 | 173 |
| 25 | ·946 | ·809 | ·918 | ·885 | 89·5 | 87·3 | 81·9 | 83·6 | 94·0 | 76·4 | 17·6 | 149·1 | 55·1 | 74·3 | 2·1 | SSE | SE by E | 37 | 83 | 120 |
| 26 | ·923 | ·766 | ·865 | ·843 | 90·9 | 89·9 | 80·8 | 84·5 | 91·4 | 76·9 | 14·5 | 147·5 | 56·1 | 74·4 | 2·5 | SE by S | SE | 35 | 76 | 111 |
| 27 | ·827 | ·688 | ·822 | ·772 | 89·9 | 91·9 | 83·8 | 84·9 | 93·1 | 74·9 | 18·2 | 146·7 | 53·6 | 71·9 | 3·0 | SE | E by S | 40 | 109 | 149 |
| 28 | ·796 | ·695 | ·799 | ·758 | 91·9 | 88·4 | 83·8 | 85·3 | 94·1 | 78·0 | 16·1 | 148·1 | 54·0 | 76·7 | 1·3 | E | ESE | 41 | 74 | 115 |
| 29 | ·812 | ·684 | ·795 | ·757 | 89·4 | 85·9 | 82·8 | 84·8 | 93·0 | 81·5 | 11·5 | 149·2 | 56·2 | 80·7 | 0·8 | SE | SE by S | 98 | 123 | 221 |
| 30 | ·843 | ·735 | ·818 | ·793 | 89·0 | 86·9 | 84·8 | 84·6 | 91·1 | 78·1 | 13·0 | 145·3 | 54·2 | 76·8 | 1·3 | S | SSE | 99 | 161 | 260 |
| Mean | 29·888 | 29·763 | 29·867 | 29·832 | 89·4 | 87·5 | 82·0 | 83·7 | 91·4 | 76·6 | 14·8 | 145·9 | 54·5 | 74·1 | 2·5 | ... | ... | 59·0 | 109·8 | 168·8 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 78·8 | 77·8 | 75·8 | 76·8 | 74·4 | ·863 | ·846 | ·839 | ·851 | ·836 | 66 | 68 | 82 | 78 | 94 | ... | 5 | 1 | K. *c.* | K. *b.* |
| 2 | 77·8 | 76·7 | 75·1 | 75·9 | 73·5 | ·858 | ·787 | ·806 | ·823 | ·818 | 72 | 62 | 78 | 77 | 97 | ... | 3 | 1 | K. *b. c.* | C. *b.* |
| 3 | 80·8 | 79·4 | 77·8 | 77·9 | 72·8 | ·942 | ·905 | ·903 | ·891 | ·785 | 69 | 70 | 84 | 79 | 92 | ... | 5 | 2 | K. *c.* | K. *b.* |
| 4 | 78·6 | 78·9 | 76·7 | 77·4 | 74·8 | ·853 | ·854 | ·867 | ·861 | ·841 | 65 | 63 | 83 | 74 | 92 | ... | 4 | 1 | K. *c.* | K. *b* |
| 5 | 80·3 | 78·6 | 76·8 | 77·5 | 73·7 | ·919 | ·865 | ·856 | ·867 | ·800 | 68 | 67 | 79 | 76 | 88 | ... | 5 | 3 | K. *c.* | K. *b. c.* |
| 6 | 78·8 | 78·8 | 76·6 | 77·3 | 74·6 | ·838 | ·862 | ·854 | ·851 | ·828 | 60 | 66 | 83 | 73 | 90 | ... | 5 | 2 | K. *c.* | K. *b.* |
| 7 | 80·5 | 80·0 | 76·8 | 77·8 | 72·9 | ·933 | ·947 | ·858 | ·891 | ·787 | 69 | 77 | 80 | 80 | 92 | ... | 4 | 1 | K. *b. c.* | C. *b.* |
| 8 | 80·3 | 80·7 | 76·0 | 78·3 | 75·2 | ·909 | ·980 | ·831 | ·902 | ·842 | 65 | 80 | 78 | 79 | 89 | ... | 4 | 3 | K. *b. c.* | K. *b. c.* |
| 9 | 77·4 | 79·8 | 77·2 | 77·2 | 73·7 | ·797 | ·926 | ·873 | ·862 | ·816 | 59 | 73 | 81 | 77 | 94 | ... | 2 | 3 | K. *b.* | K. *b. c.* |
| 10 | 81·4 | 80·0 | 77·2 | 78·7 | 75·6 | ·958 | ·955 | ·862 | ·914 | ·858 | 68 | 76 | 79 | 79 | 90 | ... | 5 | 3 | K. *c.* | K. *b. c.* |
| 11 | 80·2 | 77·8 | 76·8 | 77·5 | 74·9 | ·935 | ·828 | ·849 | ·870 | ·844 | 72 | 65 | 79 | 77 | 92 | ... | 4 | 1·5 | K. *b. c.* | K. *b. c.* |
| 12 | 81·2 | 79·2 | 76·8 | 78·2 | 75·2 | ·939 | ·901 | ·866 | ·895 | ·854 | 65 | 72 | 82 | 78 | 93 | ... | 4 | 1·5 | K. *b. c.* | K. *b. c.* |
| 13 | 82·0 | 81·7 | 77·8 | 79·1 | 74·2 | ·986 | 1·008 | ·900 | ·937 | ·826 | 70 | 80 | 83 | 82 | 93 | ... | 4 | 2 | K. *b. c.* | K. *b. c.* |
| 14 | 80·6 | 80·8 | 78·6 | 78·5 | 73·3 | ·962 | ·979 | ·936 | ·930 | ·811 | 77 | 78 | 86 | 85 | 97 | ... | 2 | 0·5 | C. *b.* | C. *b.* |
| 15 | 82·9 | 80·8 | 77·8 | 79·4 | 75·2 | 1·031 | ·944 | ·887 | ·939 | ·851 | 73 | 72 | 79 | 79 | 92 | ... | 4 | 1 | K. *b. c.* | K *b.* |
| 16 | 81·0 | 81·7 | 78·2 | 79·4 | 75·4 | ·954 | ·900 | ·900 | ·942 | ·862 | 70 | 76 | 79 | 81 | 93 | ... | 4 | 3 | K. *b. c.* | K. *b. c.* |
| 17 | 81·4 | 81·3 | 78·2 | 79·6 | 76·8 | ·968 | ·984 | ·931 | ·986 | ·899 | 71 | 75 | 89 | 82 | 92 | ... | 5 | 2 | K. *c.* | K. *b.* |
| 18 | 81·0 | 82·2 | 78·3 | 79·5 | 75·2 | ·925 | 1·030 | ·922 | ·952 | ·876 | 63 | 79 | 85 | 83 | 100 | ... | 2 | 0 | C. *b.* | *b.* |
| 19 | 83·7 | 82·5 | 79·8 | 80·7 | 75·7 | 1·067 | 1·029 | ·969 | 1·000 | ·884 | 74 | 77 | 85 | 85 | 98 | ... | 2 | 1 | C. *b.* | K. *b.* |
| 20 | 83·6 | 79·9 | 78·8 | 79·7 | 75·6 | 1·069 | ·925 | ·946 | ·968 | ·882 | 77 | 72 | 87 | 84 | 98 | ... | 2 | 0 | C. *b.* | *b.* |
| 21 | 81·9 | 84·3 | 79·8 | 80·9 | 76·3 | ·974 | 1·096 | ·992 | 1·004 | ·897 | 68 | 77 | 91 | 84 | 97 | ... | 1 | 0 | C. *b.* | *b.* |
| 22 | 81·8 | 82·8 | 80·0 | 80·3 | 75·4 | ·945 | 1·040 | ·976 | ·955 | ·865 | 62 | 77 | 85 | 79 | 94 | ... | 2 | 2 | C. *b.* | C. *b.* |
| 23 | 84·5 | 83·0 | 79·8 | 81·5 | 77·8 | 1·084 | 1·073 | ·978 | 1·027 | ·936 | 72 | 84 | 87 | 85 | 94 | ... | 2 | 1 | C. *b.* | K. *b.* |
| 24 | 79·4 | 80·6 | 79·8 | 79·3 | 76·8 | ·874 | ·993 | ·989 | ·943 | ·672 | 64 | 74 | 90 | 81 | 99 | ... | 6 | 1·5 | K. *c.* | K. *b. c.* |
| 25 | 80·7 | 80·8 | 78·8 | 79·2 | 75·6 | ·930 | ·964 | ·945 | ·940 | ·877 | 67 | 74 | 87 | 81 | 97 | ... | 4 | 2 | K. *b. c.* | C. *b. c.* |
| 26 | 82·1 | 82·3 | 77·9 | 79·7 | 75·8 | ·979 | 1·003 | ·918 | ·951 | ·879 | 67 | 71 | 87 | 80 | 95 | ... | 3 | 0·5 | K. *b. c.* | C. *b.* |
| 27 | 82·4 | 82·1 | 78·8 | 79·8 | 74·7 | 1·007 | ·958 | ·947 | ·947 | ·858 | 71 | 64 | 79 | 78 | 99 | ... | 2 | 2·5 | C. *b.* | C. *b. c.* |
| 28 | 82·1 | 82·8 | 78·0 | 80·0 | 75·7 | ·960 | 1·041 | ·882 | ·962 | ·860 | 64 | 78 | 76 | 78 | 90 | ... | 4 | 5·5 | K. *b. c.* | K. *c.* |
| 29 | 81·5 | 81·0 | 77·1 | 79·6 | 78·2 | ·946 | ·993 | ·857 | ·944 | ·917 | 71 | 80 | 77 | 78 | 86 | ... | 5 | 5·5 | K. *c.* | K. *c.* |
| 30 | 78·0 | 82·2 | 79·9 | 79·1 | 75·1 | ·811 | 1·037 | ·956 | ·921 | ·826 | 59 | 81 | 79 | 77 | 86 | ... | 4 | 1·5 | K. *b. c.* | C. *b.* |
| Mean | 81·1 | 80·7 | 77·9 | 78·9 | 75·1 | ·941 | ·956 | ·903 | ·924 | ·846 | 68 | 74 | 83 | 80 | 93 | ... | 3·60 | 1·82 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN APRIL 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·786 | 78·7 | 75·0 | ·824 | 84 | *Nil.* | *Nil.* | 1 | 10 | 1 | 17·5 | 54·5 | 58 | 3 | 1 | 0 | The barograph readings of 21h of the 11th and 2h, 3h, 4h and 5h of the 14th have been obtained by interpolation. |
| 1 | ·777 | 78·2 | 74·8 | ·820 | 85 | „ | „ | 7·5 | 7 | 1 | 13·5 | 49·5 | 64 | 6 | 7 | 0 | |
| 2 | ·768 | 77·5 | 74·1 | ·805 | 85 | „ | „ | 6·5 | 6 | 0 | 4·5 | 47·5 | 79 | 0 | 1 | 1 | |
| 3 | ·760 | 77·1 | 74·0 | ·804 | 86 | „ | „ | 0·5 | 6 | 5 | 8·5 | 54·5 | 67 | 0 | 0 | 0 | |
| 4 | ·759 | 76·8 | 73·8 | ·799 | 86 | „ | „ | 0·5 | 2 | 4 | 10 | 63 | 62·5 | 0 | 0 | 0 | |
| 5 | ·771 | 76·6 | 73·8 | ·803 | 87 | „ | „ | 2 | 0 | 4 | 11 | 57 | 68·5 | 2 | 2 | 0 | |
| 6 | ·789 | 76·5 | 73·6 | ·795 | 87 | „ | „ | 2 | 0 | 2 | 16 | 63 | 54 | 3 | 1 | 0 | |
| 7 | ·808 | 78·6 | 75·0 | ·827 | 84 | „ | „ | 4 | 0 | 2 | 14 | 88 | 78 | 1 | 1 | 0 | |
| 8 | ·829 | 81·7 | 76·1 | ·832 | 77 | „ | „ | 0 | 1 | 8 | 7 | 95 | 126 | 8 | 0 | 0 | |
| 9 | ·845 | 84·5 | 76·9 | ·828 | 70 | „ | „ | 0 | 0 | 1 | 12 | 68 | 175 | 15 | 2 | 0 | |
| 10 | ·847 | 86·5 | 76·7 | ·792 | 63 | „ | „ | 3 | 0 | 0 | 7 | 85 | 159 | 30 | 3 | 0 | |
| 11 | ·836 | 88·7 | 76·8 | ·770 | 57 | „ | „ | 0 | 0 | 0 | 0 | 99 | 143 | 27 | 15 | 0 | |
| Noon | ·817 | 90·0 | 76·5 | ·739 | 53 | „ | „ | 2 | 0 | 0 | 3 | 111 | 140 | 27 | 22 | 0 | |
| 13 | ·787 | 91·1 | 76·2 | ·712 | 50 | „ | „ | 2 | 0 | 0 | 3 | 117 | 113 | 22 | 30 | 0 | |
| 14 | ·758 | 91·8 | 75·8 | ·685 | 47 | „ | „ | 6 | 0 | 0 | 2 | 113 | 105 | 31 | 26 | 0 | |
| 15 | ·732 | 92·1 | 75·8 | ·678 | 46 | „ | „ | 5 | 0 | 0 | 3 | 100 | 95 | 28 | 26 | 0 | |
| 16 | ·713 | 91·6 | 75·6 | ·677 | 47 | „ | „ | 3 | 0 | 0 | 6 | 104 | 89 | 19 | 18 | 0 | |
| 17 | ·706 | 89·9 | 75·9 | ·713 | 51 | „ | „ | 6 | 0 | 1 | 16 | 123 | 55 | 6 | 7 | 0 | |
| 18 | ·713 | 87·0 | 76·1 | ·759 | 59 | 0·03 | 1 | 0 | 0 | 0 | 6 | 108 | 58 | 13 | 12 | 2 | |
| 19 | ·738 | 83·6 | 75·5 | ·781 | 68 | 0·73 | 3 | 19 | 0 | 0 | 10 | 124 | 53 | 9 | 24 | 1 | |
| 20 | ·765 | 81·6 | 75·0 | ·783 | 72 | 0·09 | 2 | 6 | 0 | 32 | 13 | 90 | 76 | 10 | 2 | 0 | |
| 21 | ·779 | 80·9 | 74·8 | ·792 | 75 | *Nil.* | *Nil.* | 3 | 0 | 0 | 10 | 99 | 82 | 10 | 4 | 0 | |
| 22 | ·788 | 79·9 | 75·0 | ·805 | 79 | „ | „ | 2 | 0 | 8 | 25 | 95 | 51 | 0 | 3 | 0 | |
| 23 | ·784 | 79·4 | 75·1 | ·817 | 81 | „ | „ | 6 | 5 | 3 | 22 | 65 | 52 | 0 | 3 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN APRIL 1887.

| Hours. | LUCKNOW. Total Miles of Wind. | | | | | | | | Hours calm. | NAGPUR. Total Miles of Wind. | | | | | | | | Hours calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 35 | 8·5 | 3 | 6·5 | 9 | 13·5 | 18 | 28·5 | 2 | 20·5 | 11·5 | 16 | 11 | 19 | 35 | 46·5 | 16·5 | 0 |
| 1 to 2 | 47 | 8 | 3 | 5·5 | 9·5 | 12 | 11·5 | 24·5 | 3 | 19·5 | 28·5 | 15 | 18 | 11·5 | 45 | 28·5 | 15 | 0 |
| 2 to 3 | 40·5 | 8 | 3 | 4·5 | 10·5 | 12 | 5 | 19·5 | 4 | 26 | 23 | 19 | 18 | 8 | 25 | 25 | 16 | 0 |
| 3 to 4 | 41 | 8 | 6·5 | 3·5 | 11·5 | 14 | 7·5 | 15 | 2 | 37·5 | 43 | 14·5 | 0 | 14 | 18·5 | 18·5 | 5 | 0 |
| 4 to 5 | 50·5 | 9 | 4 | 2 | 11·5 | 14 | 6·5 | 18·5 | 2 | 31 | 40·5 | 6 | 15 | 11·5 | 11 | 22·5 | 9·5 | 0 |
| 5 to 6 | 47·5 | 11·5 | 6·5 | 3·5 | 19 | 7·5 | 7 | 19·5 | 2 | 14 | 35 | 20·5 | 20 | 21 | 15·5 | 12 | 21 | 0 |
| 6 to 7 | 51 | 5·5 | 5·5 | 3·5 | 21 | 12·5 | 10 | 22 | 1 | 26 | 24 | 10 | 18·5 | 8·5 | 42 | 2·5 | 17·5 | 0 |
| 7 to 8 | 45 | 11·5 | 11 | 8 5 | 22 | 18 | 23·5 | 28·5 | 0 | 23·5 | 28·5 | 24·5 | 20·5 | 29 | 56 | 17·5 | 14·5 | 0 |
| 8 to 9 | 50·5 | 28 | 7·5 | 16·5 | 17 | 29 | 24 | 28·5 | 1 | 24 | 32 | 42·5 | 20·5 | 47 | 65 | 26 | 7 | 0 |
| 9 to 10 | 58 | 35 | 7 | 17 | 14 | 18 | 42 | 40 | 0 | 20·5 | 37 | 37·5 | 20·5 | 48·5 | 75·5 | 32·5 | 11 | 0 |
| 10 to 11 | 143 | 28 | 0 | 6·5 | 19·5 | 5·5 | 16·5 | 72 | 0 | 16·5 | 37 | 32 | 21·5 | 24 | 82·5 | 29·5 | 3 | 0 |
| 11 to noon | 76·5 | 39 | 7·5 | 7 | 16 | 6 | 15 | 85 | 0 | 2·5 | 30·5 | 23·5 | 19 | 29·5 | 64·5 | 74·5 | 0 | 0 |
| Noon to 13 | 79·5 | 27·5 | 5·5 | 11·5 | 16 | 5·5 | 5·5 | 81 | 0 | 3 | 9 | 33 | 16 | 33·5 | 47 | 62 | 18·5 | 0 |
| 13 to 14 | 61 | 33 | 7 | 13 | 6 | 13 | 5·5 | 88·5 | 1 | 16 | 18 | 41·5 | 33·5 | 4 | 44·5 | 44·5 | 27 | 0 |
| 14 to 15 | 82·5 | 39·5 | 12·5 | 17 | 16·5 | 16 | 12 | 62 | 0 | 32 | 22 | 24 | 25 | 40·5 | 25 | 30 | 26·5 | 0 |
| 15 to 16 | 74·5 | 39 | 5 | 21 | 23 | 20 | 2·5 | 61 | 0 | 28·5 | 10 | 21 | 17 | 56·5 | 25·5 | 42 | 27·5 | 0 |
| 16 to 17 | 88·5 | 34 | 6 5 | 22 | 25 | 15·5 | 3 | 36·5 | 0 | 51 | 18·5 | 7 | 15 | 35 | 17 | 19·5 | 23 | 0 |
| 17 to 18 | 54·5 | 22 | 2 | 16 | 19 | 15·5 | 0·5 | 31·5 | 3 | 31 | 30 | 6·5 | 16·5 | 72 | 13 | 15 | 7 | 0 |
| 18 to 19 | 40·5 | 12 | 1·5 | 5·5 | 37 | 33 | 1 | 19·5 | 5 | 8·5 | 21 | 7 | 30 | 64·5 | 35·5 | 15 | 11·5 | 2 |
| 19 to 20 | 31·5 | 14 | 3·5 | 4 | 17·5 | 10·5 | 39·5 | 22·5 | 1 | 26·5 | 15 | 22·5 | 30·5 | 42·5 | 13·5 | 16 | 18·5 | 0 |
| 20 to 21 | 34 | 9·5 | 2 | 8·5 | 11 | 16 | 40·5 | 25·5 | 0 | 12·5 | 14 | 9·5 | 41 | 50·5 | 38·5 | 16 | 29 | 0 |
| 21 to 22 | 28·5 | 6 | 2 | 6·5 | 5 | 11·5 | 21·5 | 33 | 2 | 17·5 | 33 | 19 | 64·5 | 34 | 32 | 17 | 8 | 0 |
| 22 to 23 | 31 | 7·5 | 2 | 5 | 5·5 | 18·5 | 11·5 | 31 | 1 | 15·5 | 14·5 | 16 | 33·5 | 34·5 | 48 | 11·5 | 19·5 | 0 |
| 23 to midn. | 31 | 7·5 | 3 | 6 | 5·5 | 21 | 25·5 | 32·5 | 2 | 13·5 | 18 | 17·5 | 21 | 14 | 62·5 | 26 | 12·5 | 0 |

MAY 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·694 | 29·784 | 29·624 | 29·671 | 29·693 | 77·3 | 84·3 | 93·3 | 82·3 | 84·7 | 94·0 | 76·7 | 17·3 | 10·1 | 148·5 | 54·5 | 67·4 | 9·3 | SW by S | ENE | S | SSE | 213 |
| 2 | ·674 | ·716 | ·586 | ·722 | ·655 | 78·1 | 87·5 | 90·5 | 67·3 | 84·9 | 93·7 | 77·7 | 16·0 | 9·5 | 151·0 | 57·3 | 72·8 | 4·9 | W | SSE | SSE | N by E | 156 |
| 3 | ·671 | ·695 | ·592 | ·732 | ·656 | 70·7 | 84·8 | 89·3 | 81·9 | 80·8 | 90·0 | 65·0 | 25·0 | 8·8 | 150·5 | 60·5 | 63·9 | 1·1 | NNE | S | SE by S | WSW | 177 |
| 4 | ·716 | ·802 | ·730 | ·820 | ·749 | 69·7 | 78·3 | 84·7 | 79·3 | 77·9 | 86·0 | 68·0 | 18·0 | 8·1 | 135·5 | 49·5 | 64·9 | 3·1 | SSW | ENE | NNE | SSE | 154 |
| 5 | ·821 | ·866 | ·767 | ·836 | ·812 | 73·6 | 84·5 | 91·3 | 78·8 | 82·4 | 92·0 | 73·6 | 18·4 | 8·6 | 153·7 | 61·7 | 68·2 | 5·4 | SSW | E | SSE | S | 76 |
| 6 | ·807 | ·843 | ·721 | ·756 | ·780 | 75·7 | 86·3 | 87·3 | 79·5 | 83·3 | 92·0 | 75·7 | 16·3 | 9·8 | 154·7 | 62·7 | 70·6 | 5·1 | SSE | SSE | SE | S by W | 92 |
| 7 | ·742 | ·781 | ·653 | ·728 | ·713 | 75·6 | 87·3 | 91·3 | 80·3 | 84·4 | 92·5 | 75·4 | 17·1 | 8·4 | 155·1 | 62·6 | 70·2 | 5·2 | S by W | SSW | S | S by W | 120 |
| 8 | ·722 | ·761 | ·601 | ·676 | ·679 | 78·3 | 88·6 | 92·6 | 83·3 | 86·2 | 95·0 | 77·8 | 17·2 | 11·4 | 153·8 | 58·8 | 72·3 | 5·5 | S | SSW | SSE | SE | 168 |
| 9 | ·659 | ·678 | ·606 | ·602 | ·636 | 80·5 | 87·5 | 81·3 | 76·9 | 82·3 | 89·6 | 79·7 | 9·9 | 2·1 | 149·9 | 60·3 | 74·8 | 4·9 | ENE | SE | E | E | 161 |
| 10 | ·625 | ·672 | ·590 | ·644 | ·630 | 77·5 | 83·8 | 76·3 | 78·3 | 81·0 | 91·1 | 76·2 | 14·9 | 4·4 | 151·5 | 60·4 | 73·7 | 2·5 | ESE | NE by E | SE by S | ESE | 137 |
| 11 | ·637 | ·671 | ·576 | ·654 | ·626 | 78·2 | 84·3 | 88·5 | 80·2 | 82·9 | 89·1 | 77·2 | 11·9 | 7·6 | 152·5 | 63·4 | 74·0 | 3·2 | E | N | ENE | SE by S | 126 |
| 12 | ·626 | ·651 | ·531 | ·594 | ·595 | 80·2 | 86·3 | 86·3 | 77·8 | 82·0 | 92·3 | 79·2 | 13·1 | 4·1 | 148·9 | 56·6 | 75·0 | 4·2 | E | ESE | SSE | S by W | 96 |
| 13 | ·587 | ·581 | ·452 | ·522 | ·529 | 73·8 | 85·3 | 89·3 | 82·3 | 82·5 | 90·7 | 72·0 | 18·7 | 1·6 | 150·7 | 60·0 | 70·0 | 2·0 | SE by S | SW | SSW | S | 159 |
| 14 | ·520 | ·543 | ·491 | ·575 | ·526 | 81·7 | 91·1 | 92·3 | 83·5 | 87·5 | 95·1 | 81·0 | 14·1 | 8·2 | 151·3 | 56·2 | 78·1 | 2·9 | S | S | SSW | SSE | 211 |
| 15 | ·567 | ·608 | ·535 | ·614 | ·581 | 82·3 | 90·3 | 93·8 | 84·3 | 88·2 | 95·7 | 81·3 | 14·4 | 9·3 | 151·5 | 55·8 | 78·8 | 2·5 | SSE | S | SSE | SE | 186 |
| 16 | ·607 | ·663 | ·559 | ·678 | ·621 | 81·6 | 89·3 | 95·5 | 84·4 | 88·6 | 97·5 | 81·2 | 16·3 | 7·0 | 151·3 | 53·8 | 78·3 | 2·9 | SSE | S | SW | SW | 131 |
| 17 | ·627 | ·664 | ·539 | ·634 | ·623 | 81·3 | 91·3 | 97·3 | 84·4 | 89·2 | 97·7 | 81·1 | 16·6 | 8·8 | 153·0 | 55·3 | 77·7 | 3·4 | SSW | SSW | SSW | SSW | 111 |
| 18 | ·619 | ·649 | ·530 | ·626 | ·616 | 81·3 | 92·1 | 96·3 | 84·1 | 89·3 | 98·9 | 81·1 | 17·8 | 9·6 | 156·5 | 57·6 | 75·9 | 5·2 | S | SSW | S | S | 163 |
| 19 | ·642 | ·686 | ·563 | ·728 | ·644 | 82·3 | 91·5 | 95·3 | 81·3 | 88·8 | 97·1 | 81·7 | 15·4 | 8·7 | 153·4 | 56·3 | 77·9 | 3·8 | SSE | SSW | SSE | E by N | 181 |
| 20 | ·646 | ·692 | ·580 | ·644 | ·641 | 80·3 | 90·3 | 93·6 | 83·8 | 88·0 | 96·7 | 79·5 | 17·2 | 7·8 | 156·5 | 59·8 | 76·2 | 3·3 | SE | S | SSE | ENE | 170 |
| 21 | ·617 | ·644 | ·530 | ·592 | ·599 | 79·3 | 91·3 | 95·6 | 83·4 | 88·5 | 96·8 | 79·1 | 17·7 | 9·4 | 153·5 | 56·7 | 72·8 | 6·3 | SE | SSE | SE by S | S by W | 125 |
| 22 | ·596 | ·619 | ·493 | ·580 | ·563 | 80·3 | 89·4 | 96·1 | 85·9 | 88·7 | 97·0 | 79·3 | 17·7 | 8·3 | 154·7 | 57·7 | 73·8 | 5·5 | NNW | ENE | ESE | SSW | 90 |
| 23 | ·562 | ·598 | ·490 | ·543 | ·545 | 82·0 | 91·8 | 94·0 | 85·7 | 89·6 | 98·3 | 81·9 | 16·4 | 6·8 | 150·5 | 52·2 | 76·7 | 5·2 | SSW | WNW | ESE | SSE | 80 |
| 24 | ·534 | ·573 | ·489 | ·551 | ·537 | 82·0 | 91·5 | 89·1 | 85·5 | 88·1 | 96·2 | 81·7 | 14·5 | 5·3 | 158·5 | 62·3 | 76·8 | 4·9 | SSE | ESE | SE | E by S | 109 |
| 25 | ·540 | ·569 | ·446 | ·484 | ·503 | 81·8 | 86·1 | 85·6 | 80·3 | 84·3 | 87·7 | 81·1 | 6·6 | 1·0 | 152·5 | 64·8 | 77·3 | 3·8 | ENE | ENE | ENE | ENE | 293 |
| 26 | ·411 | ·466 | ·448 | ·517 | ·435 | 78·2 | 80·1 | 81·4 | 76·3 | 79·5 | 84·3 | 75·7 | 8·6 | 0 | 133·7 | 49·4 | 73·8 | 1·9 | ESE | SSE | SSE | SE by S | 473 |
| 27 | ·531 | ·607 | ·532 | ·599 | ·544 | 82·3 | 86·4 | 86·3 | 82·3 | 83·8 | 87·7 | 74·2 | 13·5 | 2·0 | 150·0 | 62·3 | 72·3 | 1·9 | SSE | SSW | SSE | SSE | 375 |
| 28 | ·609 | ·677 | ·579 | ·659 | ·621 | 81·3 | 87·3 | 86·1 | 81·9 | 84·6 | 89·0 | 75·0 | 14·0 | 3·5 | 148·1 | 59·1 | 73·8 | 1·2 | SSE | SSW | SSE | SE by S | 342 |
| 29 | ·664 | ·726 | ·651 | ·712 | ·674 | 81·1 | 86·7 | 87·8 | 82·0 | 85·0 | 90·4 | 80·6 | 9·8 | 5·2 | 151·2 | 60·8 | 77·8 | 2·8 | S by E | SSE | S | SSE | 245 |
| 30 | ·723 | ·752 | ·660 | ·729 | ·700 | 81·3 | 86·6 | 88·6 | 82·3 | 85·3 | 90·9 | 80·4 | 10·5 | 4·7 | 149·6 | 58·7 | 77·6 | 2·8 | SSE | SSE | SSW | S by E | 225 |
| 31 | ·674 | ·713 | ·632 | ·625 | ·664 | 80·1 | 85·9 | 86·3 | 82·3 | 83·6 | 89·5 | 74·2 | 15·3 | 3·3 | 151·0 | 61·5 | 72·8 | 1·4 | SSE | SSW | SSW | S | 267 |
| Mean. | 29·635 | 29·676 | 29·573 | 29·649 | 29·625 | 79·0 | 87·3 | 89·8 | 81·4 | 85·0 | 92·7 | 77·6 | 15·2 | Total 197·1 | 151·1 | 58·3 | 73·7 | 3·8 | ... | ... | ... | ... | 181·0 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 76·1 | 76·2 | 79·2 | 79·0 | 77·7 | 68·7 | ·889 | ·797 | ·810 | ·949 | ·862 | ·596 | 95 | 68 | 52 | 86 | 73 | 65 | ... | 3 | 0 | 1 | 10 | C.Ck. *c.* | K. *b. c.* | Pk. Fk. *b. o.* |
| 2 | 75·2 | 74·4 | 76·3 | 66·6 | 75·7 | 67·3 | ·835 | ·677 | ·719 | ·644 | ·772 | ·529 | 86 | 52 | 50 | 96 | 65 | 55 | 0·91 | 4 | 0 | 0 | 10 | K.Fk. *c.* | *b.* | P.Pc Pk. *c.o.g.p.t.* |
| 3 | 67·5 | 73·2 | 78·3 | 79·0 | 73·5 | 63·8 | ·635 | ·664 | ·821 | ·952 | ·731 | ·580 | 85 | 56 | 59 | 87 | 69 | 95 | ... | 2 | 0 | 7 | 10 | Pk.Ck.*c.* | K. Pk. *b. c.* | P. Pk.*c.g.o.t.* |
| 4 | 67·6 | 71·7 | 76·7 | 75·5 | 73·3 | 66·0 | ·650 | ·691 | ·812 | ·831 | ·767 | ·614 | 90 | 72 | 68 | 82 | 80 | 90 | 0·24 | 10 | 9 | 8 | 8 | Pc. Pk. *o. g.p.t.* | Pc. Ck. K. *c.* | Pc. Ck. Fk. *c.* |
| 5 | 72·8 | 77·2 | 75·9 | 76·1 | 76·5 | 72·2 | ·795 | ·837 | ·686 | ·865 | ·836 | ·771 | 95 | 71 | 46 | 88 | 77 | 93 | 0·04 | 2 | 8 | 9 | 0 | C. Cs. *c.* | K. Pk. *c.* | K. C *b.c. t. d.* |
| 6 | 74·7 | 76·7 | 76·9 | 75·4 | 77·3 | 74·6 | ·848 | ·792 | ·784 | ·828 | ·857 | ·845 | 95 | 63 | 60 | 82 | 76 | 95 | ... | 0 | 3 | 7 | 0 | *b.* | K. Ck. P. *c.t.* | *b.* |
| 7 | 74·2 | 77·4 | 76·2 | 77·7 | 78·0 | 72·2 | ·827 | ·806 | ·702 | ·917 | ·876 | ·751 | 93 | 62 | 48 | 89 | 75 | 86 | ... | 2 | 6 | 2 | 1 | C. *c.* | K. *c.* | C. *c.* |
| 8 | 77·2 | 79·3 | 81·3 | 79·9 | 80·2 | 76·6 | ·922 | ·878 | ·918 | ·975 | ·951 | ·904 | 95 | 65 | 60 | 85 | 77 | 95 | ... | 0 | 2 | 0 | 10 | *b.* | K. Fk. *b. c.* | Cs. Pk. *c. o.* |
| 9 | 78·7 | 81·0 | 77·2 | 74·4 | 78·4 | 77·6 | ·956 | ·971 | ·881 | ·819 | ·928 | ·921 | 91 | 74 | 83 | 88 | 84 | 91 | 0·50 | 10 | 10 | 10 | 10 | Pk.Fk. *o* | K. Pk.P. *o. g. t.p.* | P. *o. g. t. d.* |
| 10 | 76·5 | 80·2 | 74·4 | 76·7 | 77·7 | 74·2 | ·901 | ·985 | ·826 | ·900 | ·906 | ·820 | 95 | 85 | 91 | 93 | 86 | 91 | 0·06 | 10 | 8 | 10 | 10 | Pk.Fk. *o.* | K. Pk. P. *c.o.* g.*d.p.* | P. *o. g.* |
| 11 | 76·7 | 81·0 | 80·2 | 77·2 | 78·8 | 75·8 | ·900 | 1·016 | ·921 | ·895 | ·932 | ·873 | 93 | 86 | 68 | 87 | 83 | 93 | ... | 10 | 8 | 7 | 0 | Pc. *o.* | K. Pk. *c.* | K. *b. c.* |
| 12 | 78·7 | 80·4 | 76·2 | 76·6 | 77·9 | 77·1 | ·962 | ·958 | ·770 | ·904 | ·907 | ·905 | 93 | 76 | 61 | 95 | 83 | 91 | 1·26 | 10 | 7 | 8 | 10 | Pc.Fk. *o.* | K. Pk. *c. t.* | P. *o. g. t. p.* |
| 13 | 72·7 | 79·2 | 81·2 | 80·4 | 78·4 | 70·2 | ·792 | ·918 | ·958 | 1·012 | ·924 | ·713 | 95 | 76 | 69 | 91 | 83 | 90 | ... | 5 | 10 | 8 | 3 | Pc. *c.* | C. Cs. Pc. K. Fk. *o.c.* | C. Cs. Pc. *c.* |
| 14 | 80·2 | 83·4 | 83·3 | 81·2 | 82·5 | 79·8 | 1·012 | 1·040 | 1·019 | 1·036 | 1·036 | 1·005 | 93 | 71 | 67 | 90 | 80 | 96 | ... | 4 | 0 | 0 | 0 | Pc. Fk.*c.* | *b.* | *b.* |
| 15 | 80·4 | 83·5 | 84·6 | 81·7 | 83·1 | 80·1 | 1·012 | 1·054 | 1·068 | 1·051 | 1·064 | 1·015 | 91 | 74 | 68 | 89 | 81 | 96 | ... | 7 | 6 | 0 | 9 | Pk. Fk.*c.* | K. Fk. *b. c.* | Pc. *b. c.* |
| 16 | 80·2 | 82·3 | 84·3 | 80·9 | 82·9 | 80·2 | 1·012 | 1·010 | 1·029 | 1·009 | 1·053 | 1·019 | 93 | 73 | 62 | 85 | 79 | 96 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 80·2 | 82·8 | 82·3 | 81·0 | 82·7 | 79·9 | 1·019 | 1·008 | ·902 | 1·012 | 1·030 | 1·009 | 96 | 69 | 51 | 85 | 76 | 96 | ... | 7 | 0 | 2 | 0 | C. Cs. *c.* | Ck. *b. c.* | K. C. *b. c.* |
| 18 | 79·9 | 82·5 | 82·3 | 80·8 | 82·2 | 79·7 | 1·002 | ·983 | ·915 | 1·009 | 1·004 | ·995 | 93 | 66 | 53 | 86 | 74 | 93 | ... | 9 | 0 | 1 | 0 | C.Cs. Pc. *c.* | Ck. *b. c.* | K. *b. c.* |
| 19 | 80·5 | 82·5 | 81·9 | 74·2 | 81·2 | 80·2 | 1·015 | ·990 | ·908 | ·753 | ·967 | 1·012 | 91 | 67 | 54 | 71 | 72 | 93 | ... | 8 | 0 | 0 | 6 | Ck.Pc. *c.* | *b.* | Pc. *b. c.* |
| 20 | 78·1 | 81·2 | 80·5 | 79·6 | 80·0 | 72·8 | ·936 | ·944 | ·866 | ·958 | ·921 | ·718 | 91 | 66 | 55 | 83 | 70 | 71 | ... | 8 | 5 | 7 | 0 | C. Ck. Pk. *c.* | K. Fk. *c.* | *b.* |
| 21 | 77·6 | 80·0 | 78·2 | 77·5 | 79·9 | 77·4 | ·925 | ·873 | ·729 | ·864 | ·904 | ·918 | 92 | 59 | 43 | 75 | 69 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 78·1 | 79·8 | 79·2 | 78·4 | 80·2 | 76·8 | ·936 | ·890 | ·769 | ·872 | ·918 | ·889 | 91 | 65 | 45 | 70 | 69 | 89 | ... | 8 | 2 | 3 | 0 | C.Ck.Pc. *c.* | K. Ck. *c.* | K. Pk. *b. c.* |
| 23 | 79·5 | 78·7 | 79·5 | 78·2 | 80·7 | 78·6 | ·976 | ·806 | ·813 | ·865 | ·930 | ·936 | 89 | 54 | 51 | 70 | 68 | 86 | ... | 7 | 0 | 9 | 0 | Pc.Ck. *c.* | K. Pc. *b. c. t.* | C. Pc. *o. b.* |
| 24 | 79·2 | 81·2 | 79·5 | 77·2 | 80·2 | 77·1 | ·959 | ·928 | ·881 | ·824 | ·926 | ·871 | 87 | 62 | 65 | 67 | 70 | 81 | ... | 10 | 3 | 8 | 3 | C. Pc. *o.* | C. Ck. K. Pk. *c. t.* | K. Ck. Pc. *c.* |
| 25 | 77·1 | 77·4 | 77·7 | 76·2 | 77·8 | 77·1 | ·868 | ·823 | ·843 | ·851 | ·868 | ·878 | 80 | 66 | 68 | 82 | 74 | 83 | 0·08 | 10 | 10 | 10 | 10 | P.Pc.*o.d.* | P. Pk. Fk. *o. g. d.* | P. Pk. Fk. *o. g. d.* |
| 26 | 75·6 | 72·3 | 74·2 | 74·1 | 75·4 | 73·7 | ·853 | ·687 | ·753 | ·817 | ·829 | ·806 | 89 | 66 | 71 | 91 | 83 | 91 | 1·33 | 10 | 10 | 10 | 10 | P.*o.g.d.p.* | P. Pk. Fk. *o. g. d. p.* | P. Fk. *o. g. d. p. t.* |
| 27 | 79·0 | 81·0 | 80·6 | 79·2 | 79·7 | 73·7 | ·949 | ·985 | ·968 | ·959 | ·964 | ·826 | 86 | 78 | 77 | 87 | 83 | 98 | 0·41 | 9 | 10 | 10 | 2 | Pk.Fk. *c.* | Pk. Fk. *o. g.* | Pk. Fk. C. Pc. *c. p.* |
| 28 | 78·9 | 80·5 | 80·4 | 79·2 | 79·9 | 73·2 | ·956 | ·948 | ·962 | ·963 | ·974 | ·792 | 89 | 73 | 77 | 88 | 81 | 90 | ... | 3 | 10 | 10 | 2 | Pc.Ck. *c.* | K. Pk. Fk. *o.* | Pk. Fk. Pc. *o. g. c.* |
| 29 | 79·3 | 80·9 | 80·2 | 79·6 | 80·8 | 79·0 | ·976 | ·975 | ·931 | ·979 | ·993 | ·972 | 91 | 76 | 71 | 89 | 82 | 93 | 0·02 | 3 | 10 | 4 | 9 | K. Pc. *c.* | K. Pk. Fk. *o. g. d. c.* | K. Pk. Fk. *c.* |
| 30 | 79·2 | 80·3 | 79·7 | 79·2 | 80·3 | 78·8 | ·972 | ·951 | ·893 | ·959 | ·968 | ·966 | 91 | 75 | 66 | 87 | 80 | 93 | ... | 10 | 9 | 7 | 2 | K. Pk. *o* | K. Pk. Fk. *c.* | K. Fk. C. *c.* |
| 31 | 78·3 | 80·2 | 79·9 | 78·7 | 79·4 | 72·6 | ·943 | ·955 | ·934 | ·935 | ·949 | ·782 | 91 | 77 | 74 | 85 | 82 | 93 | 0·32 | 10 | 10 | 7 | 10 | Pc. *o.p.* | K. Pk. Fk. *o. g. c.* | K. Fk. Pc. *o.c.* |
| Mean | 77·1 | 79·3 | 79·3 | 77·8 | 79·1 | 75·1 | ·911 | ·898 | ·864 | ·910 | ·921 | ·846 | 91 | 69 | 62 | 85 | 77 | 89 | Total 5·17 | 6·16 | 5·03 | 5·32 | 4·68 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours' bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·402 | 29·417 | 29·263 | 29·358 | 29·351 | 78·6 | 94·4 | 103·3 | 89·3 | 91·2 | 104·6 | 78·4 | 26·2 | 3·0 | 161·6 | 57·0 | 73·6 | 4·8 | ESE | SSE | N | NNE | 111·2 |
| 2 | ·327 | ·346 | ·177 | ·241 | ·264 | 80·3 | 96·1 | 105·6 | 87·8 | 92·2 | 106·5 | 79·1 | 27·4 | 7·6 | 163·7 | 57·2 | 73·2 | 5·9 | ENE | SE | NW | E | 126·7 |
| 3 | ·223 | ·265 | ·156 | ·270 | ·219 | 84·3 | 91·3 | 96·9 | 88·1 | 90·0 | 97·8 | 83·0 | 14·8 | 1·5 | 150·9 | 53·1 | 74·1 | 8·9 | ENE | E | E | ENE | 178·5 |
| 4 | ·351 | ·432 | ·339 | ·463 | ·387 | 77·2 | 90·8 | 101·1 | 88·7 | 89·2 | 101·1 | 76·6 | 24·5 | 10·8 | 157·2 | 56·1 | 71·3 | 5·3 | ENE | E | NE | E | 201·4 |
| 5 | ·482 | ·528 | ·406 | ·476 | ·464 | 76·6 | 96·3 | 102·3 | 87·7 | 90·5 | 102·5 | 75·7 | 26·8 | 11·8 | 160·4 | 57·9 | 67·0 | 8·7 | ENE | ENE | ENE | ENE | 132·7 |
| 6 | ·450 | ·475 | ·309 | ·354 | ·388 | 78·1 | 98·4 | 105·9 | 89·3 | 92·7 | 106·0 | 76·6 | 29·4 | 11·9 | 163·1 | 57·1 | 65·5 | 11·1 | E | E | N | NE | 91·4 |
| 7 | ·359 | ·370 | ·220 | ·309 | ·305 | 80·7 | 99·6 | 107·5 | 91·5 | 94·6 | 108·6 | 78·6 | 30·0 | 11·0 | 164·9 | 56·3 | 68·3 | 10·3 | ENE | ESE | WNW | NNW | 73·2 |
| 8 | ·312 | ·362 | ·223 | ·268 | ·282 | 82·2 | 98·1 | 109·3 | 92·8 | 95·4 | 109·6 | 81·1 | 28·5 | 11·0 | 163·7 | 54·1 | 71·8 | 9·3 | NE | NE | N | NE | 67·1 |
| 9 | ·265 | ·314 | ·199 | ·260 | ·251 | 82·8 | 97·3 | 108·4 | 93·2 | 95·2 | 109·6 | 80·8 | 28·8 | 9·4 | 165·7 | 56·1 | 70·8 | 10·0 | N | NW | NW | ENE | 85·5 |
| 10 | ·308 | ·332 | ·217 | ·275 | ·274 | 82·3 | 95·9 | 107·1 | 92·3 | 94·2 | 107·2 | 80·5 | 26·7 | 9·9 | 163·7 | 56·5 | 70·8 | 9·7 | ENE | E | NW | ENE | 107·7 |
| 11 | ·301 | ·333 | ·212 | ·271 | ·270 | 84·3 | 99·3 | 108·0 | 93·3 | 96·0 | 108·2 | 83·5 | 24·7 | 7·0 | 164·6 | 56·4 | 74·8 | 8·7 | Calm | E | NNE | ENE | 61·4 |
| 12 | ·252 | ·278 | ·175 | ·232 | ·225 | 84·4 | 98·3 | 108·0 | 91·0 | 95·2 | 108·5 | 82·7 | 25·8 | 8·3 | 164·0 | 55·5 | 75·8 | 6·9 | E | WNW | NNW | Calm | 107·1 |
| 13 | ·215 | ·233 | ·100 | ·164 | ·169 | 87·0 | 102·2 | 109·2 | 91·8 | 97·4 | 110·4 | 82·7 | 27·7 | 6·6 | 166·2 | 55·8 | 74·6 | 8·1 | WNW | NW | NW | NW | 113·3 |
| 14 | ·187 | ·242 | ·157 | ·234 | ·196 | 87·0 | 103·3 | 109·1 | 91·4 | 97·5 | 110·8 | 84·6 | 26·2 | 8·0 | 168·9 | 58·1 | 74·5 | 10·1 | WSW | NW | NW | NW | 169·8 |
| 15 | ·258 | ·314 | ·227 | ·295 | ·265 | 88·2 | 104·0 | 108·3 | 90·5 | 97·6 | 110·6 | 84·8 | 25·8 | 5·7 | 165·5 | 54·9 | 74·8 | 10·0 | WNW | NW | NW | NW | 147·5 |
| 16 | ·339 | ·397 | ·277 | ·335 | ·328 | 86·5 | 100·3 | 107·9 | 88·3 | 95·6 | 109·0 | 85·9 | 23·1 | 10·9 | 166·8 | 57·8 | 78·2 | 7·7 | WNW | NW | W | NW | 149·3 |
| 17 | ·337 | ·372 | ·240 | ·303 | ·304 | 81·1 | 102·1 | 108·5 | 92·2 | 95·8 | 109·2 | 78·1 | 31·1 | 10·7 | 166·8 | 57·6 | 65·9 | 12·2 | NW | NNW | NW | WNW | 137·9 |
| 18 | ·297 | ·346 | ·217 | ·303 | ·282 | 82·6 | 103·4 | 108·5 | 90·0 | 95·9 | 110·3 | 80·6 | 29·7 | 9·6 | 169·4 | 59·1 | 69·8 | 10·8 | NNW | NW | NW | NW | 123·9 |
| 19 | ·298 | ·372 | ·238 | ·304 | ·294 | 80·1 | 104·5 | 109·3 | 89·1 | 95·6 | 110·7 | 78·6 | 32·1 | 8·9 | 169·9 | 59·2 | 66·7 | 11·9 | SW | NW | NW | NW | 87·5 |
| 20 | ·301 | ·348 | ·219 | ·259 | ·273 | 81·3 | 103·6 | 110·9 | 88·0 | 95·8 | 111·8 | 77·9 | 33·9 | 9·8 | 171·2 | 59·4 | 65·4 | 12·5 | NW | NW | WNW | NW | 91·1 |
| 21 | ·267 | ·303 | ·177 | ·196 | ·227 | 78·2 | 99·3 | 109·4 | 90·3 | 94·1 | 110·8 | 76·6 | 34·2 | 10·4 | 168·6 | 57·8 | 64·7 | 11·9 | Calm | NNW | NNW | Calm | 72·5 |
| 22 | ·240 | ·274 | ·170 | ·240 | ·222 | 82·1 | 96·3 | 108·4 | 92·8 | 94·7 | 108·4 | 80·6 | 27·8 | 9·9 | 164·4 | 56·0 | 73·8 | 6·8 | E | E | N | ENE | 99·4 |
| 23 | ·286 | ·324 | ·209 | ·231 | ·253 | 84·5 | 97·3 | 107·5 | 92·3 | 95·2 | 108·6 | 83·4 | 25·2 | 8·2 | 163·8 | 55·2 | 76·5 | 6·9 | WNW | ENE | NW | Calm | 123·9 |
| 24 | ·261 | ·303 | ·163 | ·247 | ·235 | 83·3 | 102·3 | 109·3 | 93·9 | 97·0 | 110·7 | 82·1 | 28·6 | 5·8 | 169·2 | 58·5 | 71·8 | 10·3 | Calm | W | NW | WNW | 92·7 |
| 25 | ·261 | ·296 | ·172 | ·228 | ·230 | 89·3 | 102·8 | 107·5 | 93·3 | 98·0 | 108·8 | 87·8 | 21·0 | ... | 165·8 | 57·0 | 81·6 | 6·2 | NW | N | NNW | ENE | 89·0 |
| 26 | ·247 | ·296 | ·170 | ·270 | ·237 | 87·3 | 97·3 | 101·3 | 90·3 | 93·8 | 103·1 | 86·8 | 16·3 | 7·7 | 159·8 | 56·7 | 79·7 | 7·1 | E | ENE | E | E | 169·8 |
| 27 | ·289 | ·296 | ·246 | ·280 | 269 | 81·3 | 92·3 | 92·8 | 85·0 | 87·6 | 94·1 | 80·5 | 13·6 | 8·0 | 155·4 | 61·3 | 78·0 | 2·5 | E | E | ESE | ESE | 275·3 |
| 28 | ·331 | ·353 | ·276 | ·316 | ·310 | 79·8 | 89·3 | 91·3 | 79·7 | 84·8 | 94·0 | 78·5 | 15·5 | 6·9 | 155·9 | 61·9 | 75·8 | 2·7 | SSE | E | ENE | SE | 278·8 |
| 29 | ·331 | ·367 | ·281 | ·351 | ·323 | 78·2 | 87·6 | 93·4 | 83·3 | 85·4 | 94·5 | 76·4 | 18·1 | 2·2 | 156·2 | 61·7 | 72·8 | 3·6 | ESE | E | ENE | E | 273·6 |
| 30 | ·347 | ·402 | ·279 | ·344 | ·334 | 79·6 | 89·3 | 95·3 | 84·7 | 87·0 | 96·5 | 78·5 | 18·0 | 4·7 | 163·2 | 66·7 | 74·4 | 4·1 | E | Calm | NE | E | 211·6 |
| 31 | ·340 | ·362 | ·229 | ·265 | ·290 | 79·0 | 88·3 | 100·3 | 87·3 | 88·5 | 100·3 | 77·7 | 22·6 | 4·8 | 155·5 | 55·2 | 75·5 | 2·2 | E | E | ENE | ENE | 227·5 |
| Mean | 29·305 | 29·344 | 29·224 | 29·288 | 29·281 | 82·2 | 97·5 | 104·9 | 89·7 | 93·3 | 105·9 | 80·6 | 25·3 | Total 241·5 | 163·4 | 57·5 | 72·6 | 8·0 | ... | ... | ... | ... | 138·0 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 65·8 | 74·1 | 72·2 | 68·2 | 70·1 | 65·2 | ·465 | ·570 | ·373 | ·408 | ·454 | ·446 | 47 | 35 | 17 | 30 | 32 | 46 | ... | 2 | 0 | 0 | 0 | Ck. *c.* ∞ | ∞ | *b.* ∞ |
| 2 | 69·1 | 72·4 | 70·1 | 67·1 | 69·7 | 68·1 | ·562 | ·478 | ·260 | ·388 | ·422 | ·541 | 54 | 28 | 12 | 30 | 31 | 54 | ... | 7 | 2 | 0 | 0 | Ck. Fk. *c.* ∞ | Ck. *c.* ∞ | *b.* ∞ |
| 3 | 68·0 | 71·1 | 72·1 | 70·9 | 70·5 | 67·9 | ·468 | ·491 | ·455 | ·526 | ·485 | ·481 | 39 | 34 | 26 | 40 | 35 | 43 | ... | 8 | 9 | 9 | 0 | Ck. Cs *c.* ∞ | Pc. Cs. C. Fk. *c.* ∞ | Ck. *c. b.* ∞ |
| 4 | 68·1 | 73·2 | 72·3 | 69 1 | 70·7 | 68·0 | ·567 | ·581 | ·407 | ·449 | ·501 | ·571 | 61 | 40 | 20 | 33 | 38 | 62 | ... | 0 | 1 | 0 | 0 | ∞ | Cs. *c b.* | *b.* |
| 5 | 65·6 | 73·8 | 73·0 | 69·1 | 70·4 | 65·7 | ·485 | ·532 | ·418 | ·463 | ·474 | ·500 | 53 | 31 | 20 | 35 | 35 | 56 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 67·1 | 73·2 | 74·1 | 70·1 | 71·1 | 67·1 | ·518 | ·479 | ·415 | ·479 | ·473 | ·538 | 54 | 26 | 18 | 35 | 33 | 59 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 67·7 | 73·2 | 74·1 | 72·3 | 71·8 | 67·0 | ·505 | ·463 | ·393 | ·536 | ·474 | ·508 | 48 | 24 | 16 | 36 | 31 | 52 | ... | 0 | 0 | 7 | 3 | *b.* | Ck. Fk. *c. b.* | Ck. *c. b.* |
| 8 | 70·6 | 75·2 | 77·7 | 74·2 | 74·4 | 69·0 | ·594 | ·566 | ·523 | ·596 | ·570 | ·548 | 55 | 31 | 21 | 39 | 36 | 52 | ... | 0 | 0 | 1 | 0 | *b.* | Ck. *c. b.* | *b.* H |
| 9 | 73·0 | 76·4 | 70·1 | 72 1 | 72 9 | 72·0 | ·681 | ·628 | ·222 | ·505 | ·509 | ·692 | 60 | 35 | 9 | 32 | 34 | 66 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ H | ∞ |
| 10 | 74·5 | 79·2 | 73·7 | 72·6 | 75·0 | 71·7 | ·750 | ·773 | ·382 | ·537 | ·610 | ·660 | 68 | 46 | 16 | 35 | 41 | 63 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ H | *b.* |
| 11 | 75·0 | 78·7 | 76·0 | 78·0 | 76·9 | 72·4 | ·744 | ·704 | ·466 | ·753 | ·667 | ·647 | 63 | 38 | 19 | 48 | 42 | 57 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ | *b.* ∞ |
| 12 | 74·2 | 74·1 | 74·2 | 73·2 | 73·9 | 74·2 | ·709 | ·517 | ·390 | ·574 | ·548 | ·732 | 60 | 29 | 16 | 39 | 36 | 65 | ... | 0 | 0 | 0 | 6 | ∞ | ∞ H | Ck. Cs. *c.* ∞ H |
| 13 | 68·2 | 71·4 | 71·5 | 69·1 | 70·0 | 68·1 | ·439 | ·356 | ·266 | ·408 | ·367 | ·493 | 34 | 17 | 11 | 27 | 22 | 44 | ... | 4 | 0 | 2 | 0 | Ck. *c.* ∞ | Fk. Cs. *c.* ∞ H | Ck. *c. b.* ∞ |
| 14 | 66·3 | 72·1 | 71·9 | 70·3 | 70·2 | 65·5 | ·370 | ·369 | ·283 | ·459 | ·370 | ·374 | 29 | 17 | 11 | 31 | 22 | 32 | ... | 1 | 0 | 9 | 1 | Ck. *c.* ∞ | Ck. Cs. *c.* ∞ H | Ck. Fk. Cs. *c.* |
| 15 | 65·1 | 70 1 | 71·1 | 69·1 | 68 8 | 65·7 | ·312 | ·282 | ·262 | ·425 | ·320 | ·378 | 23 | 13 | 11 | 29 | 19 | 32 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ H | *b.* ∞ |
| 16 | 65·1 | 70·1 | 73·2 | 70·0 | 69·6 | 64·5 | ·335 | ·331 | ·378 | ·489 | ·383 | ·322 | 26 | 17 | 15 | 36 | 24 | 26 | ... | 3 | 0 | 0 | 0 | Ck. *c.* | *b.* H | *b.* |
| 17 | 64 0 | 71·1 | 71·7 | 70·1 | 69·2 | 62·3 | ·369 | ·346 | ·283 | ·440 | ·360 | ·352 | 35 | 17 | 12 | 29 | 23 | 36 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ H | *b.* ∞ |
| 18 | 65·0 | 73 3 | 74·7 | 68·1 | 70·3 | 63·2 | ·384 | ·416 | ·404 | ·395 | ·400 | ·348 | 35 | 19 | 17 | 28 | 25 | 33 | ... | 1 | 0 | 3 | 0 | Ck. *c.* ∞ | Fk. *c.* ∞ H | Ck. *c. b.* ∞ |
| 19 | 63·1 | 69·2 | 68·1 | 67·6 | 67·0 | 61·0 | ·352 | ·241 | ·136 | ·389 | ·230 | ·304 | 34 | 11 | 5 | 29 | 20 | 31 | ... | 4 | 0 | 0 | 0 | Ck. Cs. *c.* | *b.* ∞ H | ∞ H |
| 20 | 61 9 | 70·0 | 70·1 | 66·0 | 67·0 | 60 9 | ·297 | ·283 | ·188 | ·346 | ·278 | ·309 | 28 | 14 | 7 | 26 | 19 | 32 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ H | *b.* ∞ H |
| 21 | 65 6 | 70 1 | 71·1 | 70·1 | 69·2 | 61 6 | ·463 | ·345 | ·247 | ·466 | ·380 | ·349 | 48 | 19 | 10 | 33 | 28 | 38 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* ∞ H | *b.* ∞ |
| 22 | 70·7 | 74 7 | 76·0 | 73·3 | 73·7 | 65·7 | ·599 | ·569 | ·460 | ·557 | ·521 | ·434 | 56 | 33 | 19 | 36 | 36 | 42 | ... | 0 | 0 | 1 | 0 | ∞ | Ck. *c.* ∞ H | *b.* ∞ |
| 23 | 74·2 | 79·1 | 75·4 | 73·6 | 75·6 | 73·4 | ·708 | ·749 | ·447 | ·577 | 620 | ·689 | 59 | 43 | 18 | 38 | 40 | 60 | ... | 1 | 0 | 0 | 0 | Ck. *c.* ∞ | ∞ H | *b.* ∞ |
| 24 | 70·7 | 74·2 | 74 0 | 70·1 | 72·2 | 69·9 | ·583 | ·467 | ·365 | ·417 | ·458 | ·568 | 52 | 23 | 14 | 26 | 29 | 51 | ... | 0 | 0 | 1 | 0 | *b.* | Fk. *c.* ∞ H | *b.* ∞ |
| 25 | 69·0 | 72·1 | 74 2 | 71·1 | 71·6 | 69·5 | ·437 | ·375 | ·397 | ·464 | ·418 | ·477 | 31 | 18 | 16 | 30 | 24 | 36 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ H | ∞ |
| 26 | 76·1 | 79·4 | 79·2 | 76·2 | 77·7 | 70·7 | ·751 | ·763 | ·699 | ·715 | ·732 | ·536 | 58 | 43 | 35 | 50 | 46 | 42 | ... | 2 | 1 | 3 | 0 | C. *c.* | C. Fk. *c.* ∞ | Cs. *c.* ∞ |
| 27 | 75 2 | 77·7 | 78·0 | 74·2 | 76·3 | 74·8 | ·793 | ·753 | ·760 | ·701 | ·752 | ·787 | 74 | 50 | 49 | 58 | 58 | 75 | ... | 2 | 1 | 8 | 0 | C. *c.* ∞ | Fk. Pc. Cs. *c.* | Ck. C. Cs. *c.* |
| 28 | 74·2 | 77·1 | 79·0 | 75·2 | 76 4 | 72·7 | ·771 | ·767 | ·826 | ·815 | ·795 | ·727 | 76 | 56 | 56 | 80 | 67 | 75 | ... | 7 | 7 | 9 | 1 | C. Cs. *c.* | Ck. Cs. Pc. *c.* | Pc. Ck. *c.* |
| 29 | 74·7 | 77·2 | 77·6 | 76·2 | 76·4 | 74·0 | ·814 | ·795 | ·734 | ·809 | ·788 | ·808 | 84 | 60 | 47 | 71 | 66 | 88 | ... | 7 | 7 | 9 | 2 | Pc. C. Ck. *c.* | Ck. Cs. *c.* | Ck. Pc. *c. o.* |
| 30 | 76·3 | 79·2 | 79·2 | 77·2 | 78·0 | 75·8 | ·864 | ·862 | ·781 | ·834 | ·835 | ·856 | 86 | 62 | 47 | 70 | 66 | 88 | ... | 7 | 6 | 8 | 1 | C. Cs. Ck. *c.* | Ck. Fk. Cs. *c.* | Ck. Pc. C. *c* |
| 31 | 75·2 | 78·2 | 79·7 | 78·3 | 77·8 | 75·1 | ·824 | ·830 | ·736 | ·848 | ·810 | ·838 | 83 | 62 | 38 | 65 | 62 | 88 | ... | 10 | 10 | 0 | 0 | C. Cs. Ck. *o.* | C. *c.* ∞ | *b.* ∞ |
| Mean | 69·7 | 74·3 | 74·0 | 71·7 | 72·4 | 68·5 | ·565 | ·538 | ·431 | ·541 | ·516 | ·542 | 52 | 32 | 21 | 39 | 36 | 52 | .. | 2·13 | 1·42 | 2·26 | 0·45 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. Direction. | | | | Wind. Velocity. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·378 | 29·264 | 89·6 | 97·5 | 99·0 | 69·9 | 29·1 | 160·7 | 61·7 | 67·0 | 2·9 | WNW | NW | WSW | WSW | 99 |
| 2 | ·307 | ·154 | 96·5 | 101·4 | 104·3 | 72·8 | 31·5 | 158·7 | 54·4 | 67·0 | 5·8 | W | W | SW | WNW | 112 |
| 3 | ·249 | ·140 | 90·6 | 98·5 | 109·3 | 81·8 | 27·5 | 153·7 | 44·4 | 80·1 | 1·7 | WNW | WNW | WNW | WNW | 218 |
| 4 | ·389 | ·317 | 91·6 | 100·4 | 102·0 | 75·8 | 26·2 | 156·7 | 54·7 | 73·0 | 2·8 | WNW | WNW | NNW | NNW | 118 |
| 5 | ·484 | ·372 | 96·5 | 101·4 | 104·3 | 74·8 | 29·5 | 159·7 | 55·4 | 74·1 | 0·7 | NNW | N | N | N | 80 |
| 6 | ·419 | ·276 | 99·4 | 102·4 | 104·3 | 77·8 | 26·5 | 159·7 | 55·4 | 70·0 | 7·8 | N | NNE | NNW | NNW | 86 |
| 7 | ·329 | ·198 | 101·4 | 106·4 | 108·3 | 79·8 | 28·5 | 162·7 | 54·4 | 73·0 | 6·8 | NNW | NNW | NW | NW | 90 |
| 8 | ·312 | ·197 | 97·5 | 107·4 | 110·3 | 81·8 | 28·5 | 163·7 | 53·4 | 77·1 | 4·7 | NW | NW | W | Calm | 93 |
| 9 | ·266 | ·155 | 95·5 | 107·4 | 108·3 | 77·8 | 30·5 | 161·7 | 53·4 | 72·0 | 5·8 | WSW | NNW | SW | WSW | 92 |
| 10 | ·295 | ·176 | 95·5 | 104·4 | 108·0 | 81·8 | 26·2 | 163·7 | 55·7 | 77·1 | 4·7 | NW | NW | SE | SW | 107 |
| 11 | ·288 | ·182 | 95·5 | 106·1 | 107·3 | 81·8 | 25·5 | 159·7 | 52·4 | 81·2 | 0·6 | SW | NW | WNW | WNW | 86 |
| 12 | ·256 | ·139 | 95·5 | 106·4 | 108·0 | 81·8 | 26·2 | 161·7 | 53·7 | 77·1 | 4·7 | NW | NW | SSW | S | 114 |
| 13 | ·174 | ·067 | 100·4 | 106·4 | 110·0 | 79·8 | 30·2 | 166·7 | 56·7 | 75·1 | 4·7 | SSW | S | S | SSE | 203 |
| 14 | ·176 | ·123 | 101·4 | 107·4 | 109·3 | 84·7 | 24·6 | 168·7 | 59·4 | 79·1 | 5·6 | ESE | SSE | N | NNE | 206 |
| 15 | ·273 | ·172 | 101·4 | 107·4 | 108·3 | 85·7 | 22·6 | 163·7 | 55·4 | 78·1 | 7·6 | NNW | N | N | NNE | 203 |
| 16 | ·334 | ·242 | 100·4 | 105·4 | 107·3 | 80·8 | 26·5 | 163·7 | 56·4 | 72·0 | 8·8 | N | N | NW | WNW | 183 |
| 17 | ·312 | ·192 | 101·4 | 106·4 | 108·3 | 82·8 | 25·5 | 170·7 | 62·4 | 77·1 | 5·7 | WNW | WNW | NW | NW | 151 |
| 18 | ·281 | ·202 | 103·4 | 106·4 | 110·0 | 85·7 | 24·3 | 164·7 | 54·7 | 80·1 | 5·6 | NW | NW | NNW | NW | 95 |
| 19 | ·292 | ·194 | 105·4 | 107·4 | 110·0 | 77·8 | 32·2 | 171·4 | 61·4 | 69·0 | 8·8 | WNW | NW | NW | NNW | 118 |
| 20 | ·284 | ·160 | 102·4 | 110·4 | 112·0 | 79·8 | 32·2 | 168·7 | 56·7 | 73·0 | 6·8 | NW | NW | NW | NNW | 143 |
| 21 | ·254 | ·132 | 104·4 | 108·4 | 110·3 | 76·8 | 33·5 | 164·7 | 54·4 | 69·0 | 7·8 | N | SE | WNW | NW | 126 |
| 22 | ·193 | ·147 | 93·5 | 107·4 | 107·3 | 80·8 | 26·5 | 165·7 | 58·4 | 76·1 | 4·7 | NNE | ESE | NNW | NNW | 112 |
| 23 | ·285 | ·172 | 98·5 | 106·4 | 109·3 | 80·8 | 28·5 | 162·7 | 53·4 | 76·1 | 4·7 | NNW | NNW | SSW | SSW | 138 |
| 24 | ·277 | ·128 | 102·4 | 107·4 | 110·3 | 82·8 | 27·5 | 163·7 | 53·4 | 75·1 | 7·7 | S | SSE | NNE | NNE | 133 |
| 25 | ·249 | ·134 | 99·4 | 109·4 | 110·3 | 88·7 | 21·6 | 164·7 | 54·4 | 82·1 | 6·6 | N | ENE | NE | Calm | 116 |
| 26 | ·239 | ·132 | 95·5 | 103·4 | 105·3 | 84·7 | 20·6 | 155·7 | 50·4 | 80·1 | 4·6 | SSE | SSW | SSW | SSW | 108 |
| 27 | ·252 | ·156 | 92·5 | 100·9 | 102·3 | 83·7 | 18·6 | 162·7 | 60·4 | 81·1 | 2·6 | SSW | SSW | SSW | SSW | 80 |
| 28 | ·276 | ·182 | 90·6 | 100·9 | 103·3 | 79·3 | 24·0 | 159·7 | 59·4 | 77·1 | 2·2 | SW | SW | NNW | WNW | 129 |
| 29 | ·320 | ·233 | 87·6 | 97·5 | 99·3 | 78·3 | 21·0 | 160·7 | 61·4 | 77·1 | 1·2 | NW | WNW | WNW | WNW | 230 |
| 30 | ·351 | ·251 | 92·5 | 97·5 | 100·3 | 78·8 | 21·5 | 154·7 | 54·4 | 76·1 | 2·7 | WNW | WNW | NNW | NNW | 111 |
| 31 | ·308 | ·191 | 89·6 | 100·4 | 102·3 | 78·8 | 23·5 | 155·7 | 53·4 | 77·1 | 1·7 | NNW | NNW | N | N | 123 |
| Mean | 29·294 | 29·187 | 97·0 | 104·4 | 106·7 | 80·3 | 26·5 | 162·3 | 55·7 | 75·5 | 4·8 | ... | ... | ... | ... | 129·1 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 70·0 | 74·0 | 65·5 | ·472 | ·524 | ·571 | 34 | 29 | 77 | 0·12 | 0 | 0 | | b. | b. |
| 2 | 74·0 | 77·9 | 66·5 | ·537 | ·639 | ·568 | 31 | 32 | 70 | ... | 0 | 0 | | b. | b. |
| 3 | 73·0 | 74·0 | 69·5 | ·576 | ·510 | ·550 | 40 | 28 | 51 | ... | 8 | 0 | K. | b. | K. |
| 4 | 74·0 | 75·9 | 68·5 | ·604 | ·565 | ·600 | 41 | 29 | 67 | ... | 0 | 0 | | b. | b. |
| 5 | 74·0 | 75·9 | 66·5 | ·537 | ·551 | ·541 | 31 | 27 | 62 | ... | 0 | 0 | | b. | b. |
| 6 | 75·0 | 75·9 | 68·5 | ·540 | ·538 | ·573 | 28 | 26 | 60 | ... | 0 | 5 | | b. | b. |
| 7 | 75·0 | 76·9 | 69·5 | ·513 | ·527 | ·584 | 25 | 24 | 57 | ... | 0 | 2 | | b. | b. |
| 8 | 75·9 | 78·9 | 72·5 | ·604 | ·603 | ·674 | 34 | 25 | 61 | ... | 0 | 0 | | b. | b. |
| 9 | 75·9 | 76·9 | 70·5 | ·631 | ·513 | ·649 | 38 | 21 | 68 | ... | 0 | 0 | | b. | b. |
| 10 | 79·9 | 77·9 | 73·5 | ·811 | ·598 | ·715 | 49 | 27 | 65 | ... | 0 | 3 | | b. | b. |
| 11 | 77·9 | 78·9 | 74·2 | ·619 | ·620 | ·744 | 43 | 27 | 69 | ... | 0 | 0 | | b. | |
| 12 | 77·9 | 75·0 | 74·6 | ·719 | ·445 | ·761 | 43 | 19 | 71 | ... | 0 | 0 | | b. | b. |
| 13 | 70·0 | 73·0 | 66·5 | ·326 | ·362 | ·474 | 17 | 16 | 46 | ... | 0 | 8 | | b. | K. |
| 14 | 73·0 | 74·0 | 65·5 | ·430 | ·390 | ·373 | 21 | 16 | 32 | ... | 0 | 8 | | b. | K. |
| 15 | 70·5 | 73·0 | 66·5 | ·312 | ·349 | ·394 | 16 | 15 | 33 | ... | 8 | 4 | K. | K. | K. |
| 16 | 72·0 | 74·0 | 62·5 | ·403 | ·417 | ·323 | 21 | 18 | 31 | ... | 0 | 0 | | b. | b. |
| 17 | 72·0 | 74·0 | 64·5 | ·390 | ·403 | ·363 | 19 | 17 | 32 | ... | 0 | 0 | | b. | b. |
| 18 | 69·0 | 71·0 | 66·5 | ·248 | ·283 | ·394 | 12 | 12 | 33 | ... | 8 | 4 | K. | K. | K. |
| 19 | 70·0 | 73·0 | 58·5 | ·259 | ·349 | ·235 | 12 | 15 | 25 | ... | 0 | 0 | | b. | b. |
| 20 | 70·0 | 75·0 | 60·5 | ·299 | ·391 | ·272 | 15 | 15 | 27 | ... | 0 | 0 | | b. | b. |
| 21 | 75·0 | 74·0 | 63·5 | ·472 | ·376 | ·410 | 21 | 15 | 44 | ... | 0 | 0 | | b. | b. |
| 22 | 75·0 | 77·9 | 67·5 | ·620 | ·558 | ·496 | 39 | 23 | 47 | ... | 0 | 0 | | b. | b. |
| 23 | 78·9 | 75·9 | 72·5 | ·723 | ·484 | ·688 | 40 | 21 | 65 | ... | 0 | 4 | | b. | b. |
| 24 | 74·0 | 75·9 | 68·5 | ·457 | ·470 | ·506 | 22 | 19 | 45 | ... | 0 | 0 | | b. | b. |
| 25 | 73·0 | 75·9 | 70·5 | ·457 | ·443 | ·503 | 24 | 18 | 38 | ... | 0 | 0 | | b. | b. |
| 26 | 77·9 | 80·9 | 69·5 | ·719 | ·751 | ·518 | 43 | 35 | 44 | ... | 0 | 4 | | b. | K. |
| 27 | 77·9 | 79·9 | 74·5 | ·760 | ·738 | ·731 | 50 | 38 | 64 | ... | 4 | 5 | K. | K. | K. |
| 28 | 76·9 | 78·9 | 72·0 | ·741 | ·691 | ·688 | 52 | 35 | 68 | ... | 7 | 5 | K. | K. | K. |
| 29 | 75·9 | 78·9 | 72·5 | ·738 | ·737 | ·722 | 57 | 42 | 74 | ... | 8 | 3 | K. | K. | K. |
| 30 | 79·9 | 77·9 | 74·5 | ·851 | ·692 | ·797 | 56 | 39 | 80 | ... | 5 | 0 | K. | K. | b. |
| 31 | 77·9 | 80·9 | 73·5 | ·799 | ·792 | ·756 | 58 | 41 | 76 | ... | 4 | 5 | K. | K. | K. |
| Mean | 74·5 | 76·2 | 68·7 | ·554 | ·526 | ·554 | 33 | 25 | 54 | Total 0·12 | 1·68 | 1·94 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours | 22 hours. | Total miles. |
| 1 | 28·997 | 29·032 | 28·859 | 28·875 | 28·941 | 67·1 | 94·7 | 102·2 | 82·2 | 86·6 | 102·9 | 64·7 | 38·2 | 11·1 | 163·0 | 60·1 | 54·8 | 9·9 | Calm | NW | WNW | Calm | 124·9 |
| 2 | ·852 | 28·857 | ·770 | ·800 | ·820 | 70·6 | 98·4 | 104·2 | 80·7 | 88·5 | 105·3 | 67·0 | 38·3 | 12·9 | 168·0 | 62·7 | 55·8 | 11·2 | W | W | NW | Calm | 114·1 |
| 3 | ·778 | ·841 | ·760 | ·838 | ·804 | 70·6 | 98·2 | 106·2 | 80·2 | 88·8 | 106·9 | 68·0 | 38·9 | 12·4 | 170·0 | 63·1 | 58·7 | 9·3 | Calm | Calm | NE | Calm | 49·3 |
| 4 | ·865 | 29·005 | ·927 | ·993 | ·947 | 79·2 | 98·2 | 107·0 | 84·2 | 92·1 | 107·9 | 74·9 | 33·0 | 11·1 | 166·5 | 58·6 | 67·6 | 7·3 | E | SE | Calm | Calm | 69·5 |
| 5 | 29·013 | ·099 | ·963 | ·974 | 29·012 | 80·2 | 101·0 | 108·2 | 92·8 | 95·6 | 109·3 | 76·7 | 32·6 | 10·7 | 169·0 | 59·7 | 68·6 | 8·1 | Calm | SE | NE | E | 78·5 |
| 6 | 28·963 | 28·964 | ·774 | ·808 | 28·877 | 86·0 | 103·7 | 111·2 | 92·0 | 98·2 | 112·9 | 84·3 | 28·6 | 10·6 | 167·0 | 54·1 | 78·8 | 5·5 | SE | SE | SE | E | 167·9 |
| 7 | ·783 | ·852 | ·733 | ·809 | ·794 | 86·2 | 101·2 | 110·0 | 87·2 | 96·2 | 112·1 | 84·8 | 27·3 | 9·1 | 171·0 | 58·9 | 75·6 | 9·2 | E | SE | S | Calm | 156·2 |
| 8 | ·816 | ·896 | ·845 | ·888 | ·861 | 79·2 | 103·7 | 107·2 | 87·2 | 94·3 | 108·9 | 74·9 | 34·0 | 10·5 | 171·0 | 62·1 | 63·7 | 11·2 | Calm | W | NW | Calm | 109·0 |
| 9 | ·856 | ·901 | ·801 | ·849 | ·852 | 73·1 | 105·2 | 111·2 | 83·0 | 93·3 | 112·1 | 71·4 | 40·7 | 12·3 | 175·0 | 62·9 | 60·7 | 10·7 | Calm | NE | SW | Calm | 51·8 |
| 10 | ·831 | ·869 | ·778 | ·804 | ·821 | 69·6 | 105·7 | 110·2 | 87·7 | 93·3 | 111·9 | 68·5 | 43·4 | 13·0 | 174·0 | 62·1 | 56·3 | 12·2 | N | NE | SE | S | 37·9 |
| 11 | ·784 | ·855 | ·759 | ·804 | ·801 | 73·6 | 99·2 | 111·0 | 86·2 | 92·5 | 111·9 | 69·5 | 42·4 | 11·8 | 173·0 | 61·1 | 59·7 | 9·8 | SW | E | SW | Calm | 65·5 |
| 12 | ·766 | ·825 | ·737 | ·762 | ·773 | 73·1 | 101·2 | 110·2 | 90·2 | 93·7 | 111·1 | 68 8 | 42·3 | 12·8 | 172·0 | 60·9 | 59·1 | 9·7 | Calm | S | W | W | 65·1 |
| 13 | ·726 | ·749 | ·650 | ·687 | ·703 | 73·6 | 102·2 | 109·2 | 83·2 | 92·0 | 110·1 | 69·5 | 40·6 | 12·3 | 171·6 | 61·5 | 60·7 | 8·8 | E | SE | W | Calm | 64·7 |
| 14 | ·660 | ·727 | ·683 | ·744 | ·704 | 75·6 | 97·2 | 106·0 | 89·5 | 92·1 | 108·4 | 71·9 | 36·5 | 9·1 | 170·0 | 61·6 | 60·5 | 11·4 | S | SE | SW | S | 86·4 |
| 15 | ·762 | ·860 | ·811 | ·876 | ·827 | 81·2 | 100·2 | 93·4 | 86·9 | 90·4 | 107·6 | 76·9 | 30·7 | 8·1 | 171·0 | 63·4 | 68·6 | 8·3 | SW | S | SE | SE | 135·6 |
| 16 | ·876 | 29·045 | ·870 | ·920 | ·928 | 81·0 | 97 0 | 101·2 | 87·2 | 91·6 | 106·1 | 78·9 | 27·2 | 4·4 | 163·0 | 56·9 | 74·6 | 4·3 | E | ESE | S | SE | 164·8 |
| 17 | ·879 | 28·953 | ·856 | ·888 | ·894 | 79·7 | 93·2 | 104·2 | 88·2 | 91·3 | 104·3 | 75·9 | 28·4 | 6 2 | 164·3 | 60·0 | 68·6 | 7·3 | E | W | NW | W | 101·0 |
| 18 | ·877 | ·936 | ·831 | ·886 | ·882 | 72·6 | 100·2 | 106·2 | 82·2 | 90·3 | 107·9 | 71·7 | 36·2 | 11·3 | 170·0 | 62·1 | 60·7 | 11·0 | Calm | Calm | SW | N | 76·4 |
| 19 | ·881 | ·955 | ·862 | ·894 | ·898 | 72·1 | 101·2 | 108·6 | 81·7 | 90·9 | 109·1 | 69·9 | 39·2 | 11·7 | 171·0 | 61·9 | 60·2 | 9·7 | Calm | S | SW | Calm | 59·9 |
| 20 | ·874 | ·920 | ·815 | ·827 | ·859 | 73·1 | 103·7 | 110·0 | 85·2 | 93·0 | 110·3 | 71·9 | 38·4 | 10·9 | 170·5 | 60·2 | 63·7 | 8·2 | N | S | W | Calm | 50·0 |
| 21 | ·805 | ·844 | ·735 | ·750 | ·783 | 81·2 | 104·7 | 109·7 | 90·9 | 96·6 | 110·8 | 74·4 | 36·4 | 10·6 | 171·0 | 60·2 | 66·6 | 7 8 | Calm | S | Calm | E | 44·4 |
| 22 | ·733 | ·804 | ·686 | ·971 | ·799 | 98·2 | 102·7 | 105·2 | 80·2 | 96·6 | 109·1 | 84·8 | 24·3 | 5 4 | 166·0 | 56·9 | 75·6 | 9·2 | N | W | S | N | 98·8 |
| 23 | ·927 | ·986 | ·891 | ·915 | ·930 | 75·6 | 89·8 | 98·8 | 83·2 | 86·9 | 100·1 | 73·4 | 26·7 | 5·2 | 154·0 | 53·9 | 67·6 | 5·8 | Calm | ENE | NE | Calm | 136·0 |
| 24 | ·916 | ·942 | ·839 | ·865 | ·890 | 80·2 | 95·2 | 102·7 | 84·5 | 90·6 | 103·6 | 76·9 | 26·7 | 0 | 158·0 | 54·4 | 70·4 | 6·5 | Calm | NE | N | Calm | 41·5 |
| 25 | ·857 | ·900 | ·790 | ·830 | ·844 | 81·7 | 99·2 | 104·8 | 91·7 | 94·4 | 107·1 | 77·9 | 29·2 | 8·8 | 165·6 | 58·5 | 69·6 | 8·3 | NW | N | Calm | NE | 47·3 |
| 26 | 840 | ·904 | ·806 | ·824 | ·844 | 79·9 | 100·2 | 107·2 | 89·0 | 94·1 | 110·3 | 77·9 | 32·4 | 12·6 | 170·0 | 59·7 | 69·0 | 8·9 | N | N | N | Calm | 71·5 |
| 27 | ·816 | ·877 | ·792 | ·818 | ·826 | 77·2 | 105·7 | 111·2 | 88·2 | 95·6 | 112·6 | 74·7 | 37·9 | 12·9 | 172·5 | 59·9 | 60·7 | 14·0 | Calm | E | N | Calm | 59·2 |
| 28 | ·814 | ·875 | ·775 | ·786 | ·812 | 79·2 | 107·7 | 112·7 | 92·7 | 98·1 | 115·1 | 77·1 | 38·0 | 12·9 | 172·0 | 56·9 | 62·7 | 14·4 | Calm | NW | NW | W | 133·5 |
| 29 | ·758 | ·851 | ·756 | ·795 | ·790 | 75·6 | 103·2 | 115·2 | 86·2 | 95·1 | 116·1 | 73·4 | 42·7 | 12·9 | 175·0 | 58·9 | 59·7 | 13·7 | W | E | N | Calm | 91·2 |
| 30 | ·787 | ·874 | ·759 | ·791 | ·803 | 80·2 | 100·2 | 112·2 | 88·2 | 95·2 | 113·9 | 75·9 | 38·0 | 3·9 | 168·0 | 54·1 | 68·6 | 7·3 | E | SE | E | E | 103·8 |
| 31 | ·776 | ·851 | ·717 | ·766 | ·778 | 89·2 | 101·0 | 110·2 | 96·2 | 99·2 | 111·1 | 87·8 | 23·3 | 1·4 | 161·0 | 49·9 | 78·7 | 9·1 | E | SE | SE | N | 156·8 |
| Mean | 28·834 | 28·898 | 28·795 | 28·840 | 28·842 | 77·9 | 100·5 | 107·3 | 86·7 | 93·1 | 109·3 | 74·7 | 34·6 | Total 298·9 | 168·5 | 59·3 | 65·4 | 9·3 | ... | ... | ... | ... | 90·7 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 58·7 | 66·2 | 66·7 | 58·2 | 62·5 | 56·9 | ·384 | ·263 | ·180 | ·168 | ·249 | ·361 | 58 | 16 | 9 | 15 | 25 | 58 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 54·0 | 66·0 | 66·2 | 60·7 | 61·7 | 54·1 | ·199 | ·206 | ·134 | ·266 | ·201 | ·250 | 27 | 12 | 6 | 26 | 18 | 37 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 57·2 | 67·2 | 67·2 | 64·2 | 64·0 | 57·1 | ·292 | ·252 | ·145 | ·388 | ·269 | ·324 | 39 | 14 | 6 | 37 | 24 | 47 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 64·2 | 70·2 | 72·2 | 67·2 | 68·4 | 63·0 | ·401 | ·363 | ·323 | ·440 | ·382 | ·418 | 40 | 20 | 13 | 37 | 28 | 48 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 5 | 66·2 | 73·8 | 74·7 | 68·8 | 70·9 | 65·9 | ·457 | ·469 | ·409 | ·383 | ·430 | ·493 | 41 | 24 | 17 | 25 | 27 | 53 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 6 | 68·2 | 72·2 | 72·2 | 67·4 | 70·0 | 67·9 | ·452 | ·367 | ·266 | ·342 | ·357 | ·464 | 36 | 17 | 10 | 23 | 21 | 39 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ | ∞ |
| 7 | 67·9 | 70·2 | 68·2 | 63·2 | 67·4 | 64·5 | ·439 | ·323 | ·129 | ·260 | ·283 | ·329 | 35 | 16 | 5 | 20 | 19 | 27 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ | ∞ |
| 8 | 60·2 | 67·2 | 66·2 | 66·2 | 64·9 | 58·7 | ·270 | ·178 | ·095 | ·364 | ·227 | ·280 | 27 | 8 | 4 | 28 | 17 | 33 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 9 | 60·2 | 71·2 | 74·2 | 63·2 | 67·2 | 58·0 | ·351 | ·300 | ·348 | ·317 | ·329 | ·305 | 43 | 13 | 13 | 28 | 24 | 40 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* | *b.* |
| 10 | 56·7 | 72·2 | 72·0 | 62·2 | 65·8 | 56·9 | ·291 | ·347 | ·271 | ·221 | ·283 | ·311 | 40 | 15 | 11 | 17 | 21 | 45 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 58·2 | 68·2 | 69·2 | 62·2 | 64·5 | 56·1 | ·283 | ·275 | ·153 | ·241 | ·238 | ·274 | 34 | 5 | 5 | 19 | 18 | 38 | ... | 0 | 0 | 2 | 0 | *b.* | Cs. *c.* | *b.* |
| 12 | 56·1 | 71·0 | 72·7 | 64·2 | 66·0 | 55·1 | ·226 | ·353 | ·299 | ·254 | ·283 | ·254 | 28 | 18 | 12 | 18 | 19 | 37 | ... | 0 | 0 | 2 | 0 | *b.* | Ck. *c.* | *b.* |
| 13 | 58·7 | 71·2 | 72·2 | 61·7 | 65·9 | 56·7 | ·297 | ·348 | ·293 | ·264 | ·300 | ·292 | 36 | 17 | 11 | 24 | 22 | 40 | ... | 0 | 0 | 3 | 0 | *b.* | Fk. *c.* | *b.* ∞ |
| 14 | 57·2 | 69·2 | 70·2 | 61·7 | 64·6 | 56·1 | ·226 | ·339 | ·259 | ·180 | ·251 | ·242 | 25 | 19 | 11 | 13 | 17 | 30 | ... | 0 | 0 | 6 | 0 | *b.* | Pc. Cs. ∞ | ∞ |
| 15 | 61·7 | 71·2 | 70·2 | 68·2 | 67·8 | 59·6 | ·391 | ·375 | ·428 | ·440 | ·409 | ·282 | 28 | 19 | 27 | 35 | 27 | 30 | ... | 3 | 3 | 0 | 4 | Cs. ∞ | *g.* | *g.* |
| 16 | 64·7 | 70·2 | 69·2 | 64·2 | 67·1 | 63·8 | ·395 | ·380 | ·285 | ·294 | ·338 | ·392 | 38 | 21 | 14 | 23 | 24 | 40 | ... | 5 | 4 | 8 | 0 | *g.* | *gt.* | ∞ |
| 17 | 62·7 | 67·0 | 67·7 | 62·7 | 65·0 | 60·0 | ·344 | ·311 | ·189 | ·230 | ·269 | ·307 | 34 | 20 | 9 | 18 | 20 | 34 | ... | 0 | 2 | 5 | 0 | ∞ | Pc. ∞ | *b.* |
| 18 | 60·2 | 69·2 | 68·2 | 60·2 | 64·4 | 57·1 | ·358 | ·299 | ·181 | ·230 | ·267 | ·274 | 44 | 15 | 8 | 21 | 22 | 36 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | ∞ |
| 19 | 56·7 | 67·2 | 68·0 | 63·7 | 63·9 | 56·1 | ·257 | ·212 | ·142 | ·351 | ·241 | ·268 | 33 | 10 | 6 | 33 | 21 | 36 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 58·2 | 67·2 | 70·0 | 67·2 | 65·6 | 57·9 | ·289 | ·178 | ·197 | ·427 | ·273 | ·295 | 35 | 8 | 8 | 35 | 21 | 38 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 21 | 59·2 | 69·2 | 71·2 | 64·2 | 65·9 | 59·4 | ·212 | ·238 | ·247 | ·245 | ·235 | ·308 | 20 | 11 | 10 | 17 | 14 | 36 | ... | 3 | 0 | 0 | 0 | Pc. ∞ | ∞ | ∞ |
| 22 | 64·7 | 72·2 | 71·7 | 66·2 | 68·7 | 63·3 | ·164 | ·380 | ·327 | ·457 | ·332 | ·296 | 9 | 18 | 15 | 44 | 22 | 25 | ... | 8 | 3 | 10 | 10 | Pc. Pk ∞ | Pc. | Pc. *o.* |
| 23 | 66·4 | 70·2 | 70·2 | 70·2 | 69·3 | 64·5 | ·526 | ·484 | ·353 | ·565 | ·482 | ·489 | 59 | 35 | 19 | 49 | 41 | 58 | 0·14 | 10 | 6 | 5 | 0 | Pc. *o.* | Pc. ∞ | Pc. *g.* |
| 24 | 65·7 | 71·2 | 70·9 | 69·2 | 69·2 | 64·6 | ·440 | ·442 | ·329 | ·510 | ·430 | ·446 | 43 | 26 | 16 | 43 | 32 | 48 | ... | 9 | 7 | 8 | 0 | Pc. *o.* | Pc. ∞ | *b.* |
| 25 | 64·2 | 72·2 | 70·7 | 67·2 | 68·6 | 63·0 | ·368 | ·428 | ·294 | ·339 | ·357 | ·378 | 34 | 23 | 14 | 23 | 24 | 39 | ... | 3 | 4 | 8 | 4 | Ck *c.* | Pc. ∞ | Pc. *t.* ∞ |
| 26 | 64·2 | 71·2 | 69·2 | 64·2 | 67·2 | 62·8 | ·392 | ·375 | ·205 | ·270 | ·310 | ·372 | 38 | 19 | 8 | 19 | 21 | 39 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 60·2 | 69·2 | 70·2 | 65·2 | 66·2 | 59·0 | ·297 | ·225 | ·188 | ·315 | ·256 | ·292 | 31 | 10 | 7 | 23 | 18 | 35 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* H | *b.* |
| 28 | 60·2 | 68·7 | 68·7 | 64·0 | 65·4 | 58·3 | ·270 | ·179 | ·112 | ·214 | ·194 | ·239 | 27 | 8 | 4 | 14 | 13 | 25 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* H | *b.* |
| 29 | 58·7 | 70·7 | 71·2 | 68·2 | 67.2 | 57·1 | ·271 | ·315 | ·174 | ·450 | ·302 | ·252 | 31 | 15 | 5 | 36 | 22 | 30 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* H | *b.* |
| 30 | 62·2 | 76·8 | 77·3 | 70·7 | 71.7 | 61·0 | ·321 | ·606 | ·465 | ·517 | ·477 | ·339 | 31 | 31 | 17 | 39 | 29 | 38 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 31 | 72·7 | 77 3 | 77·3 | 70·2 | 74·4 | 65·9 | ·583 | ·617 | ·493 | ·390 | ·521 | ·345 | 42 | 30 | 19 | 23 | 29 | 26 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* ∞ | ∅ |
| Mean | 61·5 | 70·2 | 70 5 | 65·1 | 66·8 | 60·0 | ·337 | ·336 | ·255 | ·333 | ·315 | ·328 | 35 | 18 | 11 | 27 | 23 | 38 | Total 0·14 | 1·32 | 0·94 | 1·84 | 0·58 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of air. | | | | | Temperature of radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·715 | 28·567 | 104·5 | 108·0 | 110·4 | 80·9 | 29·5 | 172·3 | 61·9 | 64·6 | 16·3 | WNW | NNW | NW | N | 182 |
| 2 | ·681 | ·510 | 103·9 | 108·4 | 111·6 | 78·8 | 32·8 | 168·3 | 56·7 | 59·8 | 19·0 | W | NNE | N | NE | 200 |
| 3 | ·598 | ·438 | 104·2 | 109·6 | 111·2 | 79·3 | 31·9 | 167·3 | 56·1 | 64·8 | 14·5 | NNE | NNW | NW | NW | 396 |
| 4 | ·697 | ·550 | 98·2 | 107·2 | 110·2 | 86·4 | 23·8 | 166·1 | 55·9 | 75·6 | 10·8 | N | NNW | N | SSE | 458 |
| 5 | ·778 | ·627 | 96·0 | 103·2 | 106·1 | 76·2 | 29·9 | 162·1 | 56·0 | 65·7 | 10·5 | NE | ENE | ESE | SSE | 140 |
| 6 | ·753 | ·562 | 97·2 | 103·7 | 106·4 | 74·3 | 32·1 | 163·4 | 57·0 | 61·8 | 12·5 | NE | NE | SE | W | 166 |
| 7 | ·728 | ·570 | 95·8 | 102·0 | 106·2 | 78·0 | 28·2 | 162·5 | 56·3 | 69·4 | 8·6 | W | NW | WSW | NNW | 255 |
| 8 | ·742 | ·587 | 99·7 | 107·0 | 109·0 | 77·4 | 31·6 | 162·5 | 53·5 | 66·0 | 11·4 | N | WNW | NNW | W | 162 |
| 9 | ·691 | ·538 | 101·7 | 105·2 | 110·2 | 85·2 | 25·0 | 163·9 | 53·7 | 74·5 | 10·7 | NNW | NNW | NNE | NW | 351 |
| 10 | ·677 | ·524 | 101·3 | 110·0 | 113·0 | 84·4 | 28·6 | 167·7 | 54·7 | 76·4 | 8·0 | NNW | N | NNE | NNW | 394 |
| 11 | ·670 | ·542 | 102·7 | 102·2 | 113·6 | 85·9 | 27·7 | 172·2 | 58·6 | 72·7 | 13·2 | NNW | N | SSW | WNW | 321 |
| 12 | ·668 | ·509 | 99·2 | 105·0 | 109·3 | 83·0 | 26·3 | 167·9 | 58·6 | 79·7 | 3·3 | WNW | NNW | NE | WSW | 405 |
| 13 | ·638 | ·494 | 98·7 | 100·7 | 106·2 | 79·5 | 26·7 | 163·7 | 57·5 | 71·1 | 8·4 | NW | N | NW | NW | 299 |
| 14 | ·658 | ·547 | 99·1 | 104·0 | 107·7 | 77·8 | 29·9 | 162·1 | 54·4 | 67·5 | 10·3 | NNW | NNW | WNW | NW | 320 |
| 15 | ·694 | ·569 | 100·2 | 105·7 | 108·1 | 82·6 | 25·5 | 169·9 | 61·8 | 67·8 | 14·8 | N | N | NNW | N | 326 |
| 16 | ·725 | ·588 | 100·4 | 107·0 | 109·2 | 82·5 | 26·7 | 163·2 | 54·0 | 72·6 | 9·9 | NNW | NNE | NW | N | 291 |
| 17 | ·705 | ·554 | 102·6 | 109·2 | 110·5 | 81·0 | 29·5 | 164·1 | 53·6 | 68·1 | 12·9 | N | NNE | NNW | NNE | 261 |
| 18 | ·683 | ·542 | 103·2 | 109·0 | 110·4 | 83·9 | 26·5 | 173·9 | 63·5 | 72·7 | 11·2 | N | NNE | NNW | NNW | 276 |
| 19 | ·688 | ·552 | 103·6 | 108·0 | 109·0 | 81·0 | 28·0 | 165·4 | 56·4 | 65·8 | 15·2 | NNE | N | NNW | NNW | 300 |
| 20 | ·682 | ·532 | 103·7 | 108·5 | 111·2 | 84·4 | 26·8 | 166·9 | 55·7 | 71·9 | 12·5 | N | N | NW | NNE | 242 |
| 21 | ·622 | ·486 | 103·2 | 106·0 | 111·7 | 86·9 | 24·8 | 174·0 | 62·3 | 70·3 | 16·6 | N | NNE | NE | NW | 277 |
| 22 | ·602 | ·555 | 100·7 | 93·7 | 108·9 | 87·7 | 21·2 | 168·5 | 59·6 | 80·7 | 7·0 | NNW | NNE | ESE | NNW | 342 |
| 23 | ·631 | ·538 | 103·2 | 101·2 | 110·4 | 81·5 | 28·9 | 171·8 | 61·4 | 72·5 | 9·0 | NNE | NNE | NE | N | 324 |
| 24 | ·647 | ·513 | 101·4 | 110·0 | 110·3 | 85·9 | 24·4 | 167·9 | 57·6 | 78·3 | 7·6 | N | NNE | N | N | 395 |
| 25 | ·616 | ·469 | 101·7 | 107·7 | 110·4 | 87·4 | 23·0 | 169·0 | 58·6 | 76·1 | 11·3 | N | NNE | NNE | N | 331 |
| 26 | ·574 | ·429 | 102·2 | 106·0 | 109·8 | 86·9 | 22·9 | 167·9 | 58·1 | 80·2 | 6·7 | NNW | N | NE | NNW | 350 |
| 27 | ·565 | ·444 | 101·4 | 108·1 | 112·3 | 85·7 | 26·6 | 169·9 | 57·6 | 75·2 | 10·5 | NW | N | N | NNE | 241 |
| 28 | ·623 | ·493 | 101·2 | 109·2 | 112·1 | 86·7 | 25·4 | 169·9 | 57·8 | 75·7 | 11·0 | WNW | NW | NE | S | 240 |
| 29 | ·626 | ·488 | 105·7 | 109·3 | 113·5 | 88·3 | 25·2 | 170·1 | 56·6 | 70·4 | 17·9 | NNW | NNW. | W | WSW | 234 |
| 30 | ·629 | ·511 | 104·7 | 107·7 | 114·4 | 86·1 | 28·3 | 169·0 | 54·6 | 74·9 | 11·2 | NNW | NNW | W | WNW | 207 |
| 31 | ·644 | ·500 | 102 8 | 111·7 | 112·4 | 86·9 | 25·5 | 164·4 | 52·0 | 75·8 | 11·1 | W | NW | WNW | NW | 281 |
| Mean . | 28·666 | 28·527 | 101·4 | 106·2 | 110·2 | 83·0 | 27·2 | 167·3 | 57·2 | 71·6 | 11·4 | ... | ... | ... | ... | 289·3 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 68·9 | 67·3 | 64·8 | ·265 | ·161 | ·414 | 12 | 7 | 39 | ... | 8 | 7 | Cs. *c.* | C. Ck. *c.* | C. Ck. *c.* |
| 2 | 65·9 | 66·8 | 56·2 | ·166 | ·144 | ·172 | 8 | 6 | 17 | ... | 0 | 0 | *b.* | *b.* H | *b.* H |
| 3 | 68·4 | 69·2 | 59·8 | ·251 | ·203 | ·277 | 12 | 8 | 27 | ... | 0 | 1 | *b.* | Pc. *b. c.* | Pc. *b. c.* |
| 4 | 70·1 | 67·5 | 62·4 | ·384 | ·177 | ·267 | 21 | 8 | 21 | ... | 2 | 4 | C. Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 5 | 70·9 | 69·9 | 61·8 | ·446 | ·318 | ·376 | 26 | 15 | 41 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 70·1 | 69·7 | 58·8 | ·396 | ·296 | ·309 | 22 | 14 | 36 | ... | 0 | 3 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 7 | 73·2 | 72·4 | 64·8 | ·530 | ·429 | ·453 | 32 | 21 | 46 | ... | 1 | 6 | C. *b.* | Pc.K.Pk. *c.* | Pc.K.Pk *c. d. t.* |
| 8 | 73·9 | 73·8 | 65·8 | ·517 | ·422 | ·497 | 27 | 17 | 52 | ... | 0 | 4 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 9 | 73·9 | 72·9 | 69·7 | ·491 | ·407 | ·528 | 24 | 18 | 44 | ... | 7 | 9 | C. Pc. *c.* | Pc.K.Pk. *c.* | Pc.K.Pk. *c.* |
| 10 | 73·9 | 72·5 | 68·7 | ·495 | ·328 | ·501 | 25 | 12 | 43 | ... | 2 | 6 | C. *b. c.* | Pc. K. *c.* H | Pc. K. *c.* H |
| 11 | 74·0 | 72·3 | 69·2 | ·479 | ·422 | ·506 | 23 | 20 | 40 | ... | 0 | 9 | *b.* | K. Pk. *c.d.t.* | Pc. K. Pk.c. d. t. |
| 12 | 75·6 | 74·4 | 70·8 | ·588 | ·471 | 606 | 31 | 21 | 53 | 0·31 | 5 | 5 | C. *c.* | Pc. K. Pk. *c. t.* | Pc. K. Pk.c. t. |
| 13 | 74·9 | 73·1 | 68 8 | ·570 | ·467 | ·575 | 30 | 24 | 56 | 0·02 | 5 | 6 | C. *c.* | Pc.K.Pk. c. | Pc.K.Pk. *c.* |
| 14 | 73·9 | 71·8 | 66·6 | ·523 | ·381 | ·515 | 27 | 17 | 53 | ... | 2 | 3 | C. *b. c.* | Ck. *c.* | Ck. *b. c.* |
| 15 | 75·1 | 74·4 | 65·3 | ·555 | ·441 | ·410 | 29 | 19 | 37 | ... | 2 | 5 | C. *b. c.* | Pc. K. *c.* | Pc. K. *c.* |
| 16 | 69·9 | 73·9 | 61·4 | ·352 | ·426 | ·286 | 18 | 18 | 25 | ... | 0 | 2 | *b.* | C. K. *b. c.* | C. K. *c.* |
| 17 | 69·9 | 74·3 | 61·3 | ·325 | ·418 | ·301 | 16 | 16 | 28 | ... | 0 | 5 | *b.* | C. Ck. *c.* | Pc. K. *c.* |
| 18 | 73·1 | 73·7 | 65·7 | ·436 | ·384 | ·402 | 21 | 15 | 35 | ... | 0 | 6 | *b.* | Pc. K. Pk. *c.* H | Pc. K. Pk. *c.* H |
| 19 | 70·4 | 71·6 | 62·7 | ·330 | ·315 | ·343 | 15 | 13 | 32 | ... | 5 | 6 | C. K. *c.* | C. K. *c.* | Ck. *c.* |
| 20 | 73·5 | 71·9 | 62·7 | ·447 | ·328 | ·301 | 21 | 13 | 25 | ... | 0 | 4 | *b.* | Pc. K. Pk.*c.* H | Pc. K. Pk. *c.* H |
| 21 | 72·9 | 72·7 | 63·3 | ·433 | ·382 | ·289 | 20 | 17 | 22 | ... | 0 | 8 | *b.* | Pc. K. *c.* | Pc.K.Pk. *c.* |
| 22 | 75·6 | 72·9 | 68·7 | ·569 | ·552 | ·465 | 29 | 34 | 36 | 0·03 | 4 | 9 | C. *c.* | Pc. Pk. *d. g. t.* | Pc. Pk. *d.g.* |
| 23 | 73·4 | 73·9 | 68·0 | ·453 | ·498 | ·517 | 21 | 25 | 48 | ... | 4 | 9 | C. Pc. *c.* | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 24 | 73·9 | 74·1 | 65·3 | ·495 | ·388 | ·373 | 25 | 15 | 30 | ... | 4 | 5 | C. *c.* | Pc.K.Pk. *c.* | Pc. *c.* |
| 25 | 73·2 | 73·7 | 67·3 | ·455 | ·407 | ·424 | 23 | 17 | 32 | ... | 1 | 2 | C. *b.* | Cs. *b. c.* | Cs. *b. c.* |
| 26 | 74·4 | 74·7 | 68·7 | ·506 | ·469 | ·476 | 25 | 20 | 38 | ... | 9 | 10 | Cs. *c.* | Pc. o. | Pc. o. |
| 27 | 74·4 | 70·8 | 68·0 | ·515 | ·292 | ·464 | 25 | 12 | 37 | ... | 8 | 9 | Cs. *c.* | Pc. *c.* | Pc. *c.* |
| 28 | 75·4 | 70·9 | 65·8 | ·560 | ·280 | ·378 | 28 | 11 | 29 | ... | 7 | 7 | C. Pc. *c.* | C. Pc. *c.* | C. Pc. *c.* |
| 29 | 74·9 | 69·9 | 66·0 | ·482 | ·239 | ·362 | 21 | 9 | 26 | ... | 0 | 5 | *b.* | Pc. *c.* H | Pc. K .*c.* H |
| 30 | 74·4 | 70·4 | 64·4 | ·474 | ·280 | ·337 | 21 | 12 | 27 | ... | 0 | 8 | *b.* | C. Pc. *c.* H | C. Pc. *c.* H |
| 31 | 73·7 | 71·4 | 66·8 | ·468 | ·268 | ·407 | 23 | 10 | 32 | ... | 2 | 8 | C. *c.* | Pc. K. Pk. *c. d.* | Pc. K. Pk. *c. d.* |
| Mean | 72·8 | 71·9 | 65·1 | ·450 | ·355 | ·404 | 23 | 16 | 36 | Total 0·36 | 2·52 | 5·52 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Max. | Min. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·807 | 29·831 | 29·710 | 29·800 | 29·777 | 81·5 | 85·5 | 87·6 | 82·0 | 84·9 | 89·6 | 81·0 | 8·6 | 10·9 | 148·2 | 58·6 | 74·0 | 7·0 | SW | WSW | NW | SSW | 315 |
| 2 | ·804 | ·829 | ·713 | ·793 | ·775 | 81·4 | 87·6 | 87·3 | 82·5 | 85·4 | 90·2 | 80·7 | 9·5 | 10·5 | 146·1 | 55·9 | 76·8 | 3·9 | SW | SSW | WSW | SSW | 317 |
| 3 | ·750 | ·791 | ·704 | ·765 | ·746 | 81·4 | 86·8 | 88·2 | 83·4 | 85·7 | 89·1 | 80·0 | 9·1 | 10·9 | 144·8 | 55·7 | 75·1 | 4·9 | SSW | SSW | SW | SSW | 336 |
| 4 | ·781 | ·853 | ·784 | ·874 | ·818 | 82·4 | 86·7 | 88·4 | 83·3 | 86·0 | 90·4 | 82·0 | 8·4 | 10·0 | 145·7 | 55·3 | 79·0 | 3·0 | SSW | SSW | SW | SW | 319 |
| 5 | ·876 | ·933 | ·808 | ·884 | ·868 | 81·9 | 86·4 | 87·5 | 83·3 | 85·4 | 89·9 | 81·2 | 8·7 | 10·7 | 147·8 | 57·9 | 76·2 | 5·0 | W | WNW | WNW | W | 235 |
| 6 | ·839 | ·878 | ·729 | ·844 | ·813 | 81·8 | 87·2 | 86·2 | 83·1 | 85·2 | 89·3 | 81·4 | 7·9 | 9·0 | 150·9 | 61·6 | 77·3 | 4·1 | W | NW | NW | NW | 240 |
| 7 | ·719 | ·797 | ·705 | ·799 | ·751 | 79·3 | 85·8 | 88·2 | 83·2 | 85·0 | 89·7 | 77·8 | 11·9 | 8·1 | 150·4 | 60·7 | 76·4 | 1·4 | SE | S | W | NW | 260 |
| 8 | ·803 | ·838 | ·773 | ·834 | ·808 | 81·6 | 85·4 | 86·2 | 83·4 | 85·0 | 91·4 | 80·0 | 11·4 | 4·0 | 153·8 | 62·4 | 76·8 | 3·2 | W | S | WSW | WSW | 176 |
| 9 | ·801 | ·854 | ·772 | ·836 | ·810 | 80·7 | 85·5 | 88·0 | 82·8 | 85·1 | 90·5 | 79·9 | 10·6 | 8·2 | 145·3 | 54·8 | 75·3 | 4·6 | SSW | S | W | WNW | 221 |
| 10 | ·828 | ·868 | ·784 | ·836 | ·825 | 81·9 | 86·3 | 87·6 | 82·6 | 85·4 | 89·7 | 81·3 | 8·4 | 10·4 | 148·4 | 58·7 | 78·1 | 3·2 | WNW | WNW | WNW | WNW | 257 |
| 11 | ·815 | ·858 | ·771 | ·839 | ·817 | 81·5 | 86·5 | 85·7 | 83·1 | 85·0 | 90·7 | 81·0 | 9·7 | 9·2 | 150·1 | 59·4 | 76·0 | 5·0 | W | W | WNW | W | 225 |
| 12 | ·803 | ·833 | ·744 | ·806 | ·791 | 81·1 | 85·4 | 87·5 | 83·2 | 85·1 | 90·5 | 80·2 | 10·3 | | 149·3 | 58·8 | 75·3 | 4·9 | W | W | W | W | 219 |
| 13 | ·785 | ·816 | ·715 | ·776 | ·768 | 82·2 | 87·1 | 88·3 | 83·3 | 86·0 | 90·6 | 81·7 | 8·9 | | 149·6 | 59·0 | 76·8 | 4·9 | W | WSW | WSW | W | 280 |
| 14 | ·769 | ·811 | ·753 | ·818 | ·784 | 82·3 | 87·3 | 87·4 | 82·6 | 85·8 | 91·0 | 81·0 | 10·0 | | 150·4 | 59·4 | 77·8 | 3·2 | W | WSW | WNW | WNW | 267 |
| 15 | ·815 | ·861 | ·773 | ·824 | ·812 | 81·5 | 85·7 | 87·3 | 82·4 | 84·9 | 90·5 | 81·0 | 9·5 | | 149·3 | 58·8 | 75·2 | 5·8 | W | W | WNW | WNW | 236 |
| 16 | ·822 | ·860 | ·763 | ·822 | ·810 | 81·3 | 86·4 | 87·2 | 81·5 | 84·9 | 90·3 | 80·4 | 9·9 | | 147·1 | 56·8 | 76·2 | 4·2 | NW | NW | WNW | NW | 303 |
| 17 | ·801 | ·838 | ·727 | ·798 | ·784 | 80·3 | 86·8 | 86·4 | 81·8 | 84·6 | 89·6 | 79·8 | 9·8 | | 147·0 | 57·4 | 74·5 | 5·3 | N | NW | WNW | NW | 296 |
| 18 | ·780 | ·839 | ·742 | ·817 | ·789 | 80·6 | 84·9 | 86·0 | 81·5 | 83·9 | 89·1 | 80·0 | 9·1 | | 147·1 | 58·0 | 74·6 | 5·4 | WNW | WNW | WNW | W | 236 |
| 19 | ·811 | ·861 | ·761 | ·846 | ·813 | 80·6 | 85·4 | 86·5 | 82·4 | 84·4 | 89·8 | 79·7 | 10·1 | | 148·2 | 58·4 | 74·8 | 4·9 | W | WNW | W | WSW | 223 |
| 20 | ·835 | ·875 | ·764 | ·806 | ·816 | 81·1 | 85·7 | 86·1 | 82·2 | 84·5 | 89·5 | 79·8 | 9·7 | Not recorded. | 148·7 | 59·2 | 75·7 | 4·1 | W | WSW | W | W | 251 |
| 21 | ·778 | ·816 | ·702 | ·750 | ·757 | 81·2 | 86·4 | 87·5 | 82·4 | 85·0 | 90·3 | 80·1 | 10·2 | | 147·3 | 57·0 | 75·1 | 5·0 | W | W | W | W | 249 |
| 22 | ·729 | ·759 | ·683 | ·763 | ·727 | 81·5 | 86·0 | 87·4 | 82·8 | 85·1 | 90·4 | 81·0 | 9·4 | | 148·5 | 58·1 | 77·0 | 4·0 | W | W | W | WSW | 268 |
| 23 | ·769 | ·818 | ·723 | ·824 | ·778 | 81·8 | 86·3 | 87·2 | 82·9 | 85·3 | 90·7 | 81·2 | 9·5 | | 148·4 | 57·7 | 77·0 | 4·2 | W | W | W | W | 239 |
| 24 | ·815 | ·850 | ·727 | ·811 | ·793 | 81·5 | 86·7 | 86·8 | 82·3 | 85·1 | 91·1 | 80·7 | 10·4 | | 148·5 | 57·4 | 76·0 | 4·7 | WNW | WNW | WNW | WNW | 276 |
| 25 | ·784 | ·813 | ·709 | ·774 | ·765 | 81·4 | 86·4 | 86·3 | 82·7 | 84·9 | 90·2 | 80·6 | 9·6 | | 148·8 | 58·6 | 76·3 | 4·3 | WNW | WNW | WNW | W | 254 |
| 26 | ·729 | ·779 | ·667 | ·742 | ·726 | 82·3 | 85·3 | 84·5 | 82·7 | 83·9 | 88·1 | 81·8 | 6·3 | | 140·4 | 52·3 | 78·0 | 3·8 | W | WNW | WNW | WSW | 254 |
| 27 | ·718 | ·745 | ·664 | ·740 | ·712 | 82·4 | 86·4 | 86·8 | 83·4 | 85·3 | 90·1 | 81·5 | 8·6 | | 147·8 | 57·7 | 78·4 | 3·1 | W | WNW | W | W | 240 |
| 28 | ·764 | ·816 | ·713 | ·769 | ·760 | 82·4 | 87·1 | 87·4 | 83·1 | 85·6 | 90·8 | 81·6 | 9·2 | | 147·2 | 56·4 | 78·8 | 2·8 | WSW | W | W | W | 252 |
| 29 | ·775 | ·827 | ·707 | ·773 | ·766 | 82·4 | 86·5 | 88·0 | 83·4 | 85·8 | 90·6 | 81·5 | 9·1 | | 148·0 | 57·4 | 77·3 | 4·2 | W | WNW | WNW | W | 254 |
| 30 | ·776 | ·805 | ·750 | ·763 | ·773 | 82·6 | 85·8 | 86·6 | 82·8 | 84·6 | 88·1 | 81·8 | 6·3 | | 134·5 | 46·4 | 79·1 | 2·7 | WNW | WNW | WSW | W | 267 |
| 31 | ·784 | ·826 | ·705 | ·770 | ·767 | 82·0 | 86·6 | 87·4 | 83·4 | 85·4 | 89·6 | 81·0 | 8·6 | | 146·0 | 56·4 | 76·7 | 4·3 | W | WSW | WNW | WSW | 197 |
| Mean | 29·789 | 29·832 | 29·730 | 29·803 | 29·784 | 81·5 | 86·3 | 87·1 | 82·8 | 85·1 | 90·0 | 80·7 | 9·3 | | 147·5 | 57·5 | 76·5 | 4·2 | ... | ... | ... | ... | 256·8 |

*N. B.*— +·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 77·6 | 78·8 | 78·9 | 77·4 | 78·3 | 77·1 | ·895 | ·895 | ·871 | ·879 | ·885 | ·879 | 83 | 73 | 66 | 81 | 75 | 83 | ... | 1 | 1 | 0 | 0 | K. | K. Ck. | K. |
| 2 | 77·3 | 80·3 | 79·7 | 77·7 | 79·0 | 76·3 | ·885 | ·936 | ·914 | ·886 | ·905 | ·848 | 83 | 71 | 71 | 80 | 77 | 80 | ... | 1 | 4 | 0 | 3 | K. Ck. | Ck. C. | K. Ck. |
| 3 | 77·3 | 79·2 | 80·1 | 79·1 | 79·2 | 76·0 | ·883 | ·896 | ·919 | ·937 | ·909 | ·845 | 83 | 70 | 69 | 82 | 76 | 82 | ... | 5 | 4 | 4 | 1 | K. Ck. C. | K. Ck. C. | K. |
| 4 | 78·1 | 80·3 | 80·4 | 78·2 | 79·4 | 77·1 | ·905 | ·947 | ·930 | ·898 | ·920 | ·866 | 82 | 74 | 69 | 79 | 76 | 79 | ... | 4 | 3 | 4 | 3 | Pk.K.Ck.C. | K. Ck. C. | K. |
| 5 | 76·5 | 79·1 | 78·9 | 77·5 | 78·1 | 76·1 | ·841 | ·897 | ·873 | ·866 | ·869 | ·833 | 77 | 71 | 67 | 76 | 72 | 78 | ... | 6 | 2 | 3 | 5 | K. Ck. C. | K. Ck. C. | K. Ck. |
| 6 | 77·3 | 79·3 | 78·2 | 77·5 | 78·4 | 76·6 | ·877 | ·894 | ·858 | ·869 | ·874 | ·852 | 81 | 69 | 68 | 77 | 74 | 80 | 0·02 | 3 | 6 | 5 | 10 | K. Ck. | Pk.K.Ck.C. *t.r.* | Pk. K. *o.t.* ≺ |
| 7 | 75·0 | 78·5 | 79·2 | 77·8 | 78·1 | 74·0 | ·812 | ·877 | ·877 | ·881 | ·862 | ·790 | 81 | 71 | 66 | 77 | 74 | 83 | ... | 10 | 5 | 7 | 6 | K. Ck. C. *o.* | Pk.K.Ck.C. | K. Ck. ≺ |
| 8 | 77·6 | 78·7 | 78·8 | 77·5 | 78·4 | 76·2 | ·894 | ·891 | ·886 | ·864 | ·884 | ·854 | 83 | 73 | 70 | 75 | 75 | 83 | 0·01 | 9 | 8 | 10 | 3 | Pk.K Ck.*t.r.* | K. Ck. C. *o.* | Pk. K. Ck. *o.t.* ≺ |
| 9 | 77·3 | 78·9 | 79·0 | 77·5 | 78·4 | 75·2 | ·892 | ·900 | ·871 | ·873 | ·884 | ·812 | 85 | 74 | 66 | 78 | 76 | 79 | 0·05 | 8 | 8 | 6 | 3 | K. Ck. *r.* ≺ | K. Ck. C. | K. Ck. C. |
| 10 | 77·5 | 78·3 | 79·2 | 76·7 | 78·2 | 77·0 | ·884 | ·861 | ·834 | ·840 | ·867 | ·871 | 81 | 68 | 67 | 75 | 73 | 82 | 0·01 | 7 | 3 | 4 | 2 | Pk.K. Ck. *r.* | K. Ck. C. | Pk.K.Ck. C. |
| 11 | 76·0 | 77·5 | 77·7 | 77·0 | 77·4 | 75·2 | ·825 | ·822 | ·843 | ·847 | ·834 | ·797 | 77 | 65 | 68 | 75 | 71 | 75 | ... | 6 | 4 | 9 | 3 | K Ck. C. | Pk.K.Ck. *o.* | Pk. K. |
| 12 | 75·6 | 76·6 | 78·5 | 76·5 | 77·1 | 74·9 | ·813 | ·798 | ·853 | ·823 | ·822 | ·795 | 77 | 65 | 66 | 73 | 70 | 77 | ... | 2 | 8 | 3 | 2 | K. C. | K. Ck. C. | Pk. K. |
| 13 | 75·8 | 77·6 | 79·3 | 76·5 | 77·7 | 75·6 | ·806 | ·820 | ·862 | ·822 | ·828 | ·805 | 73 | 64 | 66 | 72 | 69 | 75 | .. | 1 | 2 | 3 | 1 | K. | K. Ck. C. | K. |
| 14 | 76·7 | 78·6 | 77·8 | 75·9 | 77·5 | 75·5 | ·845 | ·861 | ·825 | ·805 | ·834 | ·810 | 77 | 67 | 64 | 72 | 70 | 77 | ... | 3 | 3 | 2 | 1 | K. C. | K. Ck. C. | K. |
| 15 | 75·9 | 77·1 | 76·6 | 74·9 | 76·2 | 75·1 | ·821 | ·816 | ·772 | ·765 | ·794 | ·793 | 77 | 66 | 60 | 69 | 68 | 74 | ... | 3 | 1 | 5 | 1 | K. C. | K. Ck. C. | K. |
| 16 | 74·5 | 76·3 | 77·2 | 74·6 | 75·9 | 74·3 | ·763 | ·772 | ·800 | ·764 | ·774 | ·767 | 72 | 76 | 62 | 71 | 70 | 74 | ... | 2 | 1 | 0 | 0 | K. | K. Ck. | *b.* |
| 17 | 74·5 | 76·1 | 77·2 | 75·5 | 76·0 | 74·5 | ·777 | ·757 | ·810 | ·799 | ·786 | ·784 | 75 | 59 | 64 | 74 | 68 | 77 | ... | 4 | 1 | 0 | 0 | K. Ck. C. | K. | K. |
| 18 | 73·5 | 75·3 | 75·7 | 74·6 | 75·0 | 73·1 | ·732 | ·749 | ·751 | ·765 | ·749 | ·723 | 71 | 62 | 60 | 71 | 66 | 70 | ... | 5 | 4 | 0 | 0 | K. Ck. C. | K. Ck. C. | K. |
| 19 | 73·2 | 74·6 | 75·7 | 74·7 | 74·9 | 73·0 | ·719 | ·713 | ·744 | ·757 | ·734 | ·723 | 68 | 58 | 59 | 69 | 63 | 71 | ... | 4 | 1 | 1 | 3 | Pk.K.Ck.C. | K. Ck. C. | K. Ck. C. |
| 20 | 74·3 | 76·0 | 75·5 | 74·5 | 75·3 | 73·6 | ·757 | ·768 | ·742 | ·751 | ·754 | ·746 | 71 | 62 | 59 | 68 | 65 | 73 | ... | 2 | 3 | 5 | 0 | K. Ck. C. | K. Ck. C. | K. |
| 21 | 74·1 | 76·3 | 77·1 | 75·6 | 76·0 | 73·8 | ·749 | ·772 | ·791 | ·795 | ·777 | ·750 | 71 | 61 | 60 | 72 | 66 | 73 | ... | 4 | 1 | 1 | 0 | Pk.K.Ck.C. | K. C. | K. |
| 22 | 74·9 | 77·1 | 77·4 | 76·1 | 76·6 | 74·6 | ·778 | ·811 | ·806 | ·811 | ·802 | ·772 | 73 | 65 | 62 | 73 | 69 | 73 | ... | 2 | 2 | 1 | 1 | K. | K. Ck. C. | K. |
| 23 | 75·7 | 76·7 | 77·3 | 75·7 | 76·7 | 75·1 | ·808 | ·791 | ·804 | ·792 | ·798 | ·791 | 75 | 63 | 62 | 71 | 67 | 74 | ... | 2 | 3 | 4 | 1 | K. Ck. | K. Ck. C. | K. |
| 24 | 75·1 | 76·5 | 77·5 | 76·1 | 76·5 | 74·7 | ·786 | ·776 | ·818 | ·818 | ·800 | ·780 | 73 | 61 | 65 | 75 | 69 | 74 | ... | 5 | 1 | 2 | 4 | K. Ck. C. | K. Ck. | K. Ck. C. |
| 25 | 75·5 | 76·9 | 77·5 | 76·7 | 76·9 | 74·8 | ·804 | ·798 | ·825 | ·839 | ·816 | ·785 | 75 | 63 | 66 | 75 | 70 | 75 | ... | 6 | 6 | 6 | 3 | Pk.K.Ck.C. | K. Ck. C. | K. C. |
| 26 | 76·6 | 77·0 | 77·1 | 77·5 | 77·1 | 75·9 | ·840 | ·817 | ·832 | ·874 | ·841 | ·816 | 76 | 67 | 70 | 79 | 73 | 75 | ... | 8 | 10 | 10 | 10 | K. Ck. C. *o.* | Pk.K.Ck.C. *o.* | Pk.K.C. *o.* |
| 27 | 77·2 | 78·1 | 78·4 | 77·5 | 77·9 | 76·3 | ·865 | ·851 | ·858 | ·864 | 860 | ·836 | 78 | 67 | 67 | 75 | 71 | 78 | ... | 10 | 8 | 7 | 10 | K. Ck. *o.* | Pk.K.Ck.C. *o.* | K. *o.* |
| 28 | 77·3 | 78·4 | 78·7 | 77·5 | 78·1 | 76·4 | ·870 | ·854 | ·865 | ·869 | ·864 | ·840 | 79 | 67 | 67 | 77 | 73 | 78 | ... | 8 | 6 | 6 | 5 | K. Ck. | K. Ck. C. | K. C. |
| 29 | 76·4 | 77·9 | 79·3 | 77·9 | 78 0 | 76·1 | ·830 | ·841 | ·883 | ·883 | ·859 | ·829 | 75 | 67 | 67 | 77 | 71 | 77 | ... | 3 | 2 | 1 | 8 | K. Ck. C. | K Ck. | K. Ck. |
| 30 | 77·3 | 78·6 | 79·0 | 77·6 | 78·2 | 77·0 | ·867 | ·882 | ·890 | ·878 | ·880 | ·864 | 78 | 71 | 70 | 78 | 75 | 80 | ... | 9 | 9 | 10 | 4 | Pk. K. Ck. | K. Ck. C. *o.* | K. Ck. C. |
| 31 | 76·7 | 78 7 | 79·0 | 77·4 | 78·1 | 75·6 | ·849 | ·876 | ·878 | ·860 | ·866 | ·814 | 78 | 69 | 67 | 75 | 72 | 77 | ... | 4 | 8 | 3 | 4 | K. Ck C. | K. Ck. C. | K. Ck. C. |
| Mean | 76 1 | 77·7 | 78·1 | 76·7 | 77·4 | 75·4 | ·828 | ·837 | ·843 | ·838 | ·836 | ·809 | 77 | 67 | 66 | 75 | 71 | 77 | Total 0·09 | 4·74 | 4·13 | 3·94 | 3·13 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·837 | 29·705 | 29·793 | 29·771 | 90·1 | 88·9 | 84·8 | 85·5 | 92·9 | 78·5 | 14·4 | 144·9 | 52·0 | 76·5 | 2·0 | S by W | SSE | 98 | 160 | 258 |
| 2 | ·779 | ·633 | ·733 | ·707 | 96·9 | 89·9 | 85·4 | 87·9 | 103·8 | 80·3 | 23·5 | 151·0 | 47·2 | 79·0 | 1·3 | SW by S | SSE | 106 | 159 | 265 |
| 3 | ·775 | ·629 | ·741 | ·707 | 97·8 | 90·1 | 83·8 | 87·7 | 99·3 | 80·0 | 19·3 | 149·2 | 49·9 | 78·1 | 1·9 | S by W | SSE | 83 | 117 | 200 |
| 4 | ·807 | ·694 | ·861 | ·781 | 97·9 | 88·9 | 86·8 | 89·0 | 102·8 | 83·0 | 19·8 | 150·5 | 47·7 | 81·9 | 1·1 | SW | S by W | 86 | 130 | 216 |
| 5 | ·873 | ·759 | ·859 | ·824 | 90·9 | 86·6 | 81·6 | 83·6 | 98·8 | 76·0 | 22·8 | 150·3 | 51·5 | 71·9 | 4·1 | W | SE by E | 166 | 82 | 248 |
| 6 | ·871 | ·711 | ·845 | ·800 | 90·9 | 87·9 | 83·8 | 84·7 | 93·7 | 77·1 | 16·6 | 145·9 | 52·2 | 76·0 | 1·1 | SSE | SE by S | 100 | 111 | 211 |
| 7 | ·835 | ·703 | ·821 | ·779 | 89·9 | 87·0 | 82·4 | 84·6 | 95·2 | 80·0 | 15·2 | 149·3 | 54·1 | 79·4 | 0·6 | S | SE by S | 73 | 138 | 211 |
| 8 | ·873 | ·725 | ·821 | ·798 | 93·8 | 89·9 | 83·4 | 86·6 | 94·8 | 80·0 | 14·8 | 148·9 | 54·1 | 79·1 | 0·9 | SSW | SE | 105 | 112 | 217 |
| 9 | ·795 | ·664 | ·807 | ·748 | 96·9 | 92·2 | 83·9 | 88·3 | 97·2 | 80·8 | 16·4 | 151·6 | 54·4 | 79·2 | 1·6 | SW by S | SE | 103 | 100 | 203 |
| 10 | ·821 | ·708 | ·756 | ·756 | 95·6 | 89·9 | 85·8 | 88·2 | 95·6 | 82·0 | 13·6 | 138·5 | 42·9 | 80·7 | 1·3 | S | E by N | 107 | 80 | 187 |
| 11 | ·761 | ·619 | ·727 | ·694 | 97·9 | 93·1 | 85·8 | 89·8 | 106·4 | 83·0 | 23·4 | 151·9 | 45·5 | 77·9 | 5·1 | SWbyW | SW | 99 | 107 | 206 |
| 12 | ·739 | ·623 | ·709 | ·684 | 98·4 | 89·7 | 86·2 | 88·9 | 100·6 | 82·0 | 18·6 | 148·9 | 48·1 | 81·7 | 0·3 | SW | SE | 125 | 132 | 257 |
| 13 | ·760 | ·626 | ·730 | ·698 | 95·1 | 96·0 | 87·6 | 90·7 | 95·9 | 84·3 | 11·6 | 126·8 | 30·9 | 83·7 | 0·6 | WSW | W | 135 | 85 | 220 |
| 14 | ·760 | ·651 | ·770 | ·721 | 94·6 | 90·9 | 87·0 | 89·1 | 97·9 | 84·2 | 13·7 | 145·7 | 47·8 | 83·7 | 0·5 | WSW | SE | 107 | 121 | 228 |
| 15 | ·766 | ·665 | ·761 | ·726 | 95·7 | 90·8 | 84·8 | 88·6 | 101·0 | 84·0 | 17·0 | 149·9 | 48·9 | 82·9 | 1·1 | WSW | SE | 135 | 118 | 253 |
| 16 | ·749 | ·621 | ·749 | ·701 | 98·7 | 92·1 | 86·8 | 89·8 | 98·7 | 82·4 | 16·3 | 153·2 | 54·5 | 80·6 | 1·8 | SSW | SSE | 76 | 127 | 203 |
| 17 | ·722 | ·601 | ·717 | ·676 | 98·6 | 93·3 | 86·5 | 90·2 | 106·7 | 83·2 | 23·5 | 151·9 | 45·2 | 82·5 | 0·7 | WSW | S by W | 123 | 138 | 261 |
| 18 | ·718 | ·611 | ·711 | ·675 | 89·9 | 92·9 | 87·0 | 88·6 | 96·9 | 85·0 | 11·9 | 155·6 | 58·7 | 84·3 | 0·7 | SW by S | S | 118 | 158 | 276 |
| 19 | ·720 | ·612 | ·722 | ·676 | 98·4 | 93·7 | 91·7 | 91·9 | 105·0 | 84·4 | 20·6 | 150·0 | 45·0 | 83·6 | 0·8 | W by S | SE by S | 151 | 95 | 246 |
| 20 | ·746 | ·605 | ·695 | ·676 | 95·9 | 98·7 | 87·9 | 92·3 | 100·0 | 87·4 | 12·6 | 148·4 | 48·4 | 85·4 | 2·0 | WSW | SSE | 124 | 71 | 195 |
| 21 | 680 | ·584 | ·655 | ·636 | 100·8 | 93·1 | 84·8 | 90·5 | 100·8 | 84·2 | 16·6 | 151·7 | 50·9 | 82·8 | 1·4 | SSW | SE by S | 110 | 128 | 238 |
| 22 | ·693 | ·613 | ·705 | ·667 | 96·3 | 89·1 | 84·6 | 88·0 | 97·8 | 82·8 | 15·0 | 150·9 | 53·1 | 81·0 | 1·8 | SW | SE | 114 | 125 | 239 |
| 23 | ·734 | ·600 | ·681 | ·666 | 94·9 | 103·0 | 87·2 | 91·9 | 105·2 | 83·4 | 21·8 | 146·7 | 41·5 | 82·6 | 0·8 | SW | WSW | 135 | 95 | 230 |
| 24 | ·744 | ·615 | ·676 | ·672 | 93·1 | 90·7 | 87·2 | 89·2 | 99·1 | 86·2 | 12·9 | 153·7 | 54·6 | 84·4 | 1·8 | W by S | S by E | 146 | 98 | 244 |
| 25 | ·680 | ·546 | ·639 | ·616 | 97·6 | 97·9 | 87·4 | 92·2 | 98·9 | 86·4 | 12·5 | 149·7 | 50·8 | 85·6 | 0·8 | SWbyW | S | 115 | 102 | 217 |
| 26 | ·670 | ·566 | ·649 | ·624 | 96·5 | 93·4 | 85·6 | 89·8 | 105·8 | 84·5 | 21·3 | 148·4 | 42·6 | 83·5 | 1·0 | SW | S by E | 135 | 140 | 275 |
| 27 | ·679 | ·581 | ·723 | ·657 | 99·5 | 90·9 | 85·5 | 89·3 | 99·5 | 82·2 | 17·3 | 147·2 | 47·7 | 81·3 | 0·9 | SW by S | SSE | 107 | 153 | 260 |
| 28 | ·743 | ·643 | ·753 | ·709 | 94·8 | 88·9 | 84·4 | 87·5 | 98·0 | 82·8 | 15·2 | 148·9 | 50·9 | 80·8 | 2·0 | SW | SE byS | 102 | 151 | 253 |
| 29 | ·769 | ·665 | ·776 | ·733 | 95·3 | 87·9 | 84·5 | 87·1 | 98·9 | 81·4 | 17·5 | 148·9 | 50·0 | 80·4 | 1·0 | SW by S | SSE | 119 | 151 | 270 |
| 30 | ·794 | ·687 | ·811 | ·759 | 92·2 | 87·2 | 82·9 | 85·8 | 97·2 | 81·5 | 15·7 | 144·7 | 47·5 | 80·8 | 0·7 | S by W | SE by S | 107 | 158 | 265 |
| 31 | ·817 | ·684 | ·808 | ·764 | 88·7 | 85·9 | 83·6 | 84·6 | 92·6 | 80·6 | 12·0 | 139·1 | 46·5 | 80·0 | 0·6 | S by E | SSE | 120 | 150 | 270 |
| Mean | 29·765 | 29·643 | 29·749 | 29·713 | 95·3 | 91·3 | 85·5 | 88·4 | 99·3 | 82·4 | 16·9 | 148·1 | 48·9 | 81·0 | 1·4 | ... | ... | 113·9 | 122·3 | 236·2 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 81·8 | 83·3 | 80·0 | 80·7 | 76·8 | ·975 | 1·070 | ·961 | ·985 | ·900 | 69 | 78 | 80 | 80 | 92 | ... | 4 | 1·5 | K. *b. c.* | K. *b.* |
| 2 | 79·8 | 83·8 | 80·8 | 80·8 | 76·8 | ·787 | 1·078 | ·990 | ·957 | ·876 | 45 | 77 | 81 | 73 | 85 | ... | 1 | 2 | C. *b.* | C. *b.* |
| 3 | 78·2 | 77·6 | 78·8 | 77·9 | 76·8 | ·701 | ·765 | ·919 | ·825 | ·830 | 39 | 52 | 79 | 63 | 86 | ... | 1 | 3 | C. *b.* | K. *b. c.* |
| 4 | 82·0 | 78·6 | 78·9 | 79·6 | 78·8 | ·878 | ·840 | ·855 | ·881 | ·938 | 48 | 62 | 63 | 65 | 83 | ... | 2 | 7 | C. *b.* | K. *c. t.* |
| 5 | 74·7 | 80·5 | 78·0 | 76·6 | 72·1 | ·642 | ·960 | ·912 | ·822 | ·736 | 45 | 76 | 85 | 72 | 82 | 0·05 | 9 | 5 | K. *cloudy.* | K. *b. c.* |
| 6 | 80·8 | 78·5 | 79·4 | 77·9 | 71·8 | ·916 | ·847 | ·946 | ·866 | ·711 | 63 | 64 | 81 | 73 | 76 | ... | 4 | 4 | K. *b. c.* | K. *b. c.* |
| 7 | 82·0 | 78·8 | 79·8 | 79·3 | 76·2 | ·987 | ·874 | ·982 | ·919 | ·854 | 70 | 69 | 89 | 78 | 84 | ... | 5 | 1 | K. *c.* | C. *b.* |
| 8 | 81·2 | 81·6 | 80·8 | 80·3 | 76·8 | ·906 | ·929 | 1·018 | ·955 | ·879 | 57 | 70 | 89 | 76 | 87 | ... | 1 | 2 | C. *b.* | K. *b. c.* |
| 9 | 78·8 | 81·6 | 81·1 | 79·5 | 75·6 | ·740 | ·937 | 1·026 | ·890 | ·816 | 43 | 62 | 88 | 67 | 78 | ... | 1 | 2 | C. *b.* | K. *b. c.* |
| 10 | 81·1 | 78·2 | 77·0 | 78·1 | 75·6 | ·866 | ·808 | ·803 | ·826 | ·800 | 51 | 57 | 65 | 62 | 73 | 0·01 | 6 | 9 | C. *hazy.* | K. *cloudy.* |
| 11 | 82·2 | 83·8 | 76·6 | 80·2 | 77·0 | ·886 | 1·030 | ·793 | ·903 | ·848 | 49 | 66 | 64 | 65 | 75 | ... | 5 | 5 | K. *c.* | K. *c.* |
| 12 | 83·2 | 81·8 | 81·0 | 80·3 | 73·8 | ·931 | ·980 | ·989 | ·919 | ·725 | 51 | 70 | 79 | 68 | 66 | ... | 4 | 4 | K. *b. c.* | K. *c.* |
| 13 | 80·0 | 77·8 | 80·8 | 78·8 | 76·7 | ·821 | ·708 | ·961 | ·825 | ·818 | 50 | 41 | 73 | 57 | 70 | ... | 6 | 10 | C. *hazy. l.r.* | *o.* |
| 14 | 80·8 | 80·6 | 80·8 | 79·6 | 75·4 | ·864 | ·906 | ·968 | ·884 | ·763 | 53 | 62 | 75 | 65 | 64 | ... | 10 | 8 | *o.* | K. *cloudy.* |
| 15 | 78·6 | 81·8 | 81·0 | 79·7 | 76·6 | ·748 | ·965 | 1·008 | ·894 | ·817 | 45 | 67 | 84 | 66 | 70 | ... | 8 | 6 | K. *cloudy.* | K. *cloudy.* |
| 16 | 80·0 | 84·9 | 81·6 | 81·5 | 78·6 | ·772 | 1·104 | 1·010 | 9·65 | ·928 | 42 | 73 | 79 | 69 | 85 | ... | 2 | 1 | C. *b.* | C. *b.* |
| 17 | 77·8 | 80·1 | 82·0 | 78·8 | 74·5 | ·672 | ·849 | 1·033 | ·837 | ·738 | 36 | 55 | 82 | 58 | 65 | ... | 3 | 1 | K. *b. c.* | C. *b.* |
| 18 | 76·8 | 84·5 | 80·8 | 80·1 | 77·4 | ·745 | 1·068 | ·968 | ·913 | ·839 | 53 | 69 | 74 | 68 | 70 | ... | 10 | 7·5 | *o.* | K. *cloudy.* |
| 19 | 84·8 | 78·6 | 76·8 | 79·0 | 75·2 | 1·013 | ·775 | ·721 | ·817 | ·751 | 55 | 49 | 48 | 55 | 64 | ... | 5 | 6 | K. *c.* | K. *c.* |
| 20 | 77·6 | 81·4 | 80·5 | 79·0 | 75·6 | ·701 | ·839 | ·842 | ·812 | ·728 | 41 | 45 | 71 | 53 | 57 | ... | 8 | 9 | K. *cloudy.* | K. *cloudy.* |
| 21 | 77·8 | 79·1 | 79·0 | 77·9 | 75·4 | ·643 | ·806 | ·914 | ·786 | ·763 | 33 | 52 | 76 | 55 | 65 | ... | 3 | 4 | C. *b. c.* | K. *b. c.* |
| 22 | 74·8 | 80·4 | 78·8 | 76·8 | 71·8 | ·573 | ·921 | ·904 | ·771 | ·633 | 33 | 68 | 76 | 59 | 54 | ... | 3 | 8 | C. *b. c.* | C. *hazy.* |
| 23 | 78·8 | 77·1 | 77·8 | 77·0 | 73·7 | ·726 | ·581 | ·827 | ·727 | ·701 | 47 | 27 | 64 | 48 | 62 | ... | 6 | 4 | C *hazy.* | K. *b. c.* |
| 24 | 76·2 | 80·7 | 79·0 | 78·0 | 75·2 | ·678 | ·914 | ·881 | ·809 | ·727 | 43 | 63 | 69 | 59 | 58 | ... | 8 | 9 | K. *cl udy.* | K. *cloudy.* |
| 25 | 81·8 | 87·4 | 79·8 | 81·7 | 76·6 | ·852 | 1·158 | ·916 | ·942 | ·785 | 46 | 64 | 71 | 62 | 63 | ... | 8 | 6 | K. *cloudy.* | C. *c.* |
| 26 | 82·8 | 84·8 | 79·6 | 81·6 | 77·8 | ·937 | 1·081 | ·931 | ·969 | ·864 | 55 | 69 | 76 | 69 | 74 | ... | 6 | 6 | C. *hazy.* | C. *hazy.* |
| 27 | 79·8 | 83·1 | 78·5 | 80·0 | 77·7 | ·951 | 1·029 | ·882 | ·899 | ·890 | 40 | 71 | 72 | 65 | 82 | ... | 3 | 2 | C. *b. c.* | C. *b.* |
| 28 | 76·8 | 79·6 | 78·7 | 78·0 | 76·6 | ·680 | ·889 | ·905 | ·832 | ·833 | 41 | 65 | 77 | 64 | 68 | ... | 0 | 1 | *b.* | C. *b.* |
| 29 | 80·4 | 83·0 | 79·0 | 80·2 | 77·1 | ·837 | 1·064 | ·918 | ·940 | ·874 | 50 | 80 | 77 | 73 | 85 | ... | 1 | 0 | C. *b.* | C. *b.* |
| 30 | 80·3 | 83·6 | 80·1 | 80·9 | 78·6 | ·874 | 1·104 | ·991 | ·992 | ·940 | 57 | 86 | 88 | 80 | 88 | ... | 1 | 2 | C. *b.* | C. *b.* |
| 31 | 81·8 | 81 8 | 79·6 | 80·6 | 78·6 | ·994 | 1·032 | ·958 | ·991 | ·953 | 73 | 84 | 83 | 83 | 92 | ... | 5 | 2·5 | K. *c.* | K. *c.* |
| Mean . | 79·8 | 81·2 | 79·9 | 79·4 | 76·0 | ·816 | ·933 | ·927 | ·882 | ·816 | 49 | 64 | 76 | 66 | 78 | Total 0·06 | 4·48 | 4·47 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN MAY 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed Vapour Tension. Inches. | Relative Humidity. % | Rainfall.* Inches. | Rainfall.* No. of Falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours Calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·646 | 81·1 | 77·2 | ·895 | 83 | 0·35 | 2 | 6 | 21 | 50 | 38·5 | 71 | 8 | 6 | 5 | 0 | No interpolated values. Registers complete. |
| 1 | ·626 | 80·7 | 77·4 | ·908 | 86 | *Nil.* | *Nil.* | 0 | 12 | 58 | 32·5 | 72 | 20 | 3 | 1 | 0 | |
| 2 | ·614 | 80·5 | 77·3 | ·899 | 86 | 0·12 | 1 | 0 | 3 | 36 | 33 | 76 | 9 | 1 | 1 | 0 | |
| 3 | ·604 | 80·7 | 77·3 | ·898 | 85 | 0·01 | 1 | 0 | 6 | 30 | 50·5 | 62 | 85 | 3 | 7·5 | 0 | |
| 4 | ·606 | 80·3 | 77·4 | ·905 | 87 | 0·23 | 1 | 2 | 5 | 20 | 49 | 66 | 11 | 3 | 7·5 | 0 | |
| 5 | ·615 | 80·1 | 77·5 | ·916 | 89 | 0·10 | 1 | 2 | 13 | 27 | 45 | 54 | 12 | 2 | 4 | 2 | |
| 6 | ·632 | 80·2 | 77·7 | ·922 | 89 | 0·12 | 1 | 3 | 11 | 29 | 62 | 62 | 4 | 0 | 0 | 0 | |
| 7 | ·649 | 82·0 | 78·7 | ·944 | 86 | *Nil.* | *Nil.* | 0 | 19 | 41 | 42 | 84 | 12 | 4 | 5 | 0 | |
| 8 | ·666 | 84·0 | 79·4 | ·948 | 81 | ,, | ,, | 3 | 22 | 40 | 42 | 102 | 31 | 1 | 3 | 0 | |
| 9 | ·678 | 86·5 | 80·1 | ·950 | 75 | ,, | ,, | 6 | 32 | 31 | 38 | 125 | 42 | 0 | 1 | 0 | |
| 10 | ·683 | 88·2 | 80·2 | ·930 | 70 | 0.02 | 1 | 7 | 21 | 33 | 30 | 149 | 60 | 0 | 4 | 0 | |
| 11 | ·671 | 90·1 | 80·9 | ·938 | 67 | 0·01 | 1 | 6 | 21 | 37 | 35 | 126 | 69 | 2 | 5 | 0 | |
| Noon | ·657 | 90·7 | 80·9 | ·924 | 65 | 0·49 | 3 | 0 | 39 | 43 | 32 | 135 | 50 | 3 | 3 | 0 | |
| 13 | ·633 | 91·2 | 81·2 | ·934 | 64 | 0·19 | 2 | 0 | 35 | 44 | 45 | 122 | 40 | 0 | 0 | 0 | |
| 14 | ·603 | 91·1 | 80·9 | ·919 | 63 | *Nil.* | *Nil.* | 0 | 29 | 31 | 75 | 118 | 42 | 0 | 0 | 0 | |
| 15 | ·580 | 90·8 | 80·9 | ·922 | 64 | 0·05 | 1 | 1 | 14 | 38 | 60 | 139 | 30 | 0 | 0 | 0 | |
| 16 | ·567 | 90·3 | 80·4 | ·906 | 64 | 0·36 | 3 | 1 | 11 | 38 | 61 | 123 | 58 | 0 | 0 | 0 | |
| 17 | ·565 | 88·3 | 80·1 | ·916 | 68 | 0·58 | 4 | 0 | 16 | 25 | 64 | 114 | 41 | 0 | 0 | 0 | |
| 18 | ·575 | 86·8 | 79·5 | ·914 | 72 | 0·86 | 3 | 1 | 9 | 14 | 56 | 119 | 36 | 7 | 0 | 0 | |
| 19 | ·588 | 85·3 | 79·3 | ·927 | 76 | 0 22 | 3 | 0 | 9 | 15 | 82 | 104 | 22 | 1 | 0 | 0 | |
| 20 | ·613 | 84·3 | 79·1 | ·929 | 79 | 0·67 | 3 | 10 | 9 | 17 | 64 | 102 | 23 | 0 | 11 | 0 | |
| 21 | ·642 | 83·1 | 78·6 | ·925 | 82 | 0·22 | 1 | 12 | 14 | 35 | 51 | 99 | 12 | 0 | 0 | 0 | |
| 22 | ·649 | 82·4 | 78·4 | ·921 | 83 | *Nil.* | *Nil.* | 9 | 21 | 43 | 44 | 81·5 | 10 | 0 | 0 | 0 | |
| 23 | ·648 | 81·8 | 77·9 | ·908 | 83 | 0·23 | 2 | 0 | 19 | 45 | 39 | 65·5 | 27 | 11 | 11 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN MAY 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours Calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 20·5 | 4·5 | 2 | 4 | 5 | 10·5 | 20·5 | 56 | 0 | 138 | 6 | 2 | 1 | 2 | 10·5 | 40·5 | 131 | 0 |
| 1 to 2 | 18·5 | ·1 | 0 | 3 | 9 | 9·5 | 17·5 | 54·5 | 1 | 207 | 7 | 2 | 0 | 0 | 9· | 46 | 124·5 | 0 |
| 2 to 3 | 19·5 | 1·5 | 0 | 3 | 10 | 10·5 | 14·5 | 46 | 1 | 200 | 12·5 | 0 | 0 | 0 | 0 | 46 | 107·5 | 0 |
| 3 to 4 | 26·5 | 3 | 3 | 4·5 | 8 | 11 | 18 | 53 | 0 | 201 | 15 | 0 | 0 | 0 | 0 | 45 | 104 | 0 |
| 4 to 5 | 24·5 | 6·5 | 4·5 | 6·5 | 6·5 | 13·5 | 13 | 61 | 0 | 23 | 10·5 | 4 | 0 | 0 | 4 | 30 | 93·5 | 0 |
| 5 to 6 | 21 | 1 | 9 | 5 | 6·5 | 10·5 | 15·5 | 58·5 | 1 | 240·5 | 0 | 1 | 4 | 0 | 7 | 33·5 | 77 | 0 |
| 6 to 7 | 24·5 | 3·5 | 8 | 5 | 5 | 8 | 18 | 61 | 0 | 300 | 4 | 0 | 4 | 2 | 8 | 23 | 112 | 0 |
| 7 to 8 | 38 | 5·5 | 9 | 9 | 8 | 5 | 27·5 | 83 | 0 | 388 | 19·5 | 0 | 2 | 3 | 2 | 43 | 98·5 | 0 |
| 8 to 9 | 40·5 | 14·5 | 7·5 | 14·5 | 9 | 8 | 26.5 | 90·5 | 0 | 405 | 62·5 | 5·5 | 2·5 | 0 | 7 | 16·5 | 81 | 0 |
| 9 to 10 | 55·5 | 11 | 9·5 | 16·5 | 31 | 6 | 39 | 86·5 | 0 | 291 | 84·5 | 2·5 | 0 | 0 | 0 | 4 | 112 | 0 |
| 10 to 11 | 92 | 19·5 | 7 | 2 | 24·5 | 5·5 | 20 | 82·5 | 0 | 237 | 57 | 11 | 0 | 0 | 0 | 19·5 | 75·5 | 0 |
| 11 to Noon | 70 | 39 | 3 | 0 | 25·5 | 1·5 | 19 | 86 | 0 | 165·5 | 57·5 | 3·5 | 3·5 | 5 | 9·5 | 26 | 89·5 | 0 |
| Noon to 13 | 55·5 | 33·5 | 6 | 0 | 26 | 3 | 25 | 91 | 0 | 116 | 43 | 15 | 6 | 7 | 9 | 7 | 130 | 0 |
| 13 to 14 | 54·5 | 11·5 | 2 | 0 | 19 | 13 | 31·5 | 76·5 | 0 | 110 | 39 | 17 | 9 | 0 | 11 | 18 | 152 | 0 |
| 14 to 15 | 54 | 13 | 1·5 | 0 | 20·5 | 30·5 | 28 | 81·5 | 0 | 117 | 51·5 | 28 | 40 | 0 | 6 | 33 | 129·5 | 0 |
| 15 to 16 | 53·5 | 14 | 0 | 4 | 29·5 | 26 | 25·5 | 80·5 | 0 | 110·5 | 59·5 | 12 | 18 | 6·5 | 12 | 43 | 112·5 | 0 |
| 16 to 17 | 47 | 14 | 0 | 0 | 33 | 21·5 | 24·5 | 70 | 0 | 86 | 42 | 25 | 19·5 | 0 | 17·5 | 78·5 | 143·5 | 0 |
| 17 to 18 | 39·5 | 17·5 | 0 | 0 | 22·5 | 18·5 | 23 | 44 | 0 | 132 | 33 | 9·5 | 19 | 13·5 | 13 | 62 | 79 | 0 |
| 18 to 19 | 29 | 10·5 | 0 | 0 | 20·5 | 12·5 | 15·5 | 43 | 2 | 135 | 22·5 | 8 | 14 | 5 | 5 | 40·5 | 69 | 0 |
| 19 to 20 | 24·5 | 6·5 | 0 | 4 | 11·5 | 13 | 10·5 | 39 | 3 | 82 | 39 | 0 | 4 | 7 | 3 | 42·5 | 77·5 | 0 |
| 20 to 21 | 30·5 | 3·5 | 0 | 2·5 | 9·5 | 9·5 | 13·5 | 41 | 4 | 88 | 15·5 | 0 | 5·5 | 5·5 | 16·5 | 30·5 | 107·5 | 0 |
| 21 to 22 | 30 | 6 | 0 | 1·5 | 9 | 10 | 18 | 36·5 | 2 | 89 | 12·5 | 0 | 11·5 | 14·5 | 8·5 | 39·5 | 99·5 | 0 |
| 22 to 23 | 25·5 | 7 | 1·5 | 1 | 7·5 | 7·5 | 24·5 | 45·5 | 0 | 106·5 | 3 | 0 | 10·5 | 11·5 | 1 | 35·5 | 102 | 1 |
| 23 to Midn. | 31 | 4·5 | 1·5 | 3·5 | 6·5 | 9·5 | 22 | 46·5 | 1 | 105·5 | 14 | 2 | 7·5 | 5·5 | 20 | 22·5 | 138 | 0 |

JUNE 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·578 | 29·581 | 29·490 | 29·554 | 29·545 | 83·1 | 86·1 | 86·7 | 82·8 | 85·4 | 88·9 | 81·5 | 7·4 | 0 | 140·5 | 51·6 | 78·3 | 3·2 | SSW | SSW | SSW | SSW | 376 |
| 2 | ·506 | ·581 | ·484 | ·575 | ·529 | 83·3 | 86·3 | 86·8 | 83·3 | 86·0 | 89·5 | 82·2 | 7·3 | 0 | 140·8 | 51·3 | 79·3 | 2·9 | SSW | SSW | SSW | S | 301 |
| 3 | ·602 | ·639 | ·553 | ·704 | ·599 | 82·2 | 86·3 | 87·3 | 83·3 | 85·4 | 89·5 | 81·4 | 8·1 | 0·4 | 140·8 | 51·3 | 78·0 | 3·4 | S | SSW | SSW | WSW | 243 |
| 4 | ·610 | ·629 | ·516 | ·591 | ·587 | 81·8 | 88·1 | 89·6 | 82·8 | 85·3 | 91·0 | 75·2 | 15·8 | 7·9 | 153·1 | 62·1 | 72·0 | 3·2 | S by W | SSW | S | SSE | 220 |
| 5 | ·541 | ·539 | ·470 | ·579 | ·544 | 81·8 | 80·2 | 90·2 | 76·5 | 83·7 | 91·4 | 80·2 | 11·2 | 1·5 | 148·0 | 56·6 | 75·8 | 4·4 | SSE | S | S | NE | 176 |
| 6 | ·529 | ·543 | ·457 | ·559 | ·522 | 80·3 | 88·8 | 89·1 | 81·3 | 85·0 | 92·5 | 72·6 | 19·9 | 7·3 | 148·0 | 55·5 | 69·8 | 2·8 | S | SSW | S | SE by S | 177 |
| 7 | ·559 | ·579 | ·473 | ·585 | ·541 | 79·1 | 88·3 | 92·2 | 82·5 | 86·5 | 94·0 | 72·7 | 21·3 | 8·1 | 152·5 | 58·5 | 69·6 | 3·1 | SE by E | S | S | S | 156 |
| 8 | ·590 | ·631 | ·529 | ·622 | ·595 | 80·1 | 88·8 | 92·0 | 80·7 | 87·0 | 93·9 | 79·7 | 14·2 | 3·7 | 150·7 | 56·8 | 70·8 | 8·9 | SSE | SSE | ESE | WNW | 90 |
| 9 | ·626 | ·650 | ·554 | ·617 | ·604 | 79·1 | 88·3 | 89·5 | 81·2 | 85·3 | 92·0 | 78·2 | 13·8 | 3·1 | 148·5 | 56·5 | 74·3 | 3·9 | WNW | SSW | SSE | SSE | 82 |
| 10 | ·605 | ·615 | ·517 | ·573 | ·574 | 79·8 | 88·3 | 88·5 | 83·3 | 86·3 | 91·7 | 79·1 | 12·6 | 7·4 | 150·7 | 59·0 | 74·2 | 4·9 | SSE | ESE | SE by E | SE | 105 |
| 11 | ·558 | ·571 | ·488 | ·547 | ·522 | 79·8 | 88·3 | 85·6 | 80·7 | 84·5 | 89·7 | 78·7 | 11·0 | 4·4 | 151·5 | 61·8 | 73·3 | 5·4 | E by S | E | ESE | E by S | 145 |
| 12 | ·491 | ·543 | ·474 | ·557 | ·508 | 80·2 | 84·3 | 82·3 | 80·8 | 82·3 | 86·7 | 79·9 | 6·8 | 0·8 | 141·5 | 54·8 | 75·4 | 4·5 | E by N | ESE | ENE | ESE | 160 |
| 13 | ·531 | ·575 | ·502 | ·588 | ·535 | 77·5 | 81·5 | 84·3 | 81·1 | 81·9 | 85·4 | 77·2 | 8·2 | 0·5 | 135·0 | 49·6 | 75·6 | 1·6 | ESE | ESE | SE by S | SE | 165 |
| 14 | ·576 | ·590 | ·491 | ·595 | ·557 | 78·3 | 82·3 | 81·5 | 80·0 | 82·7 | 87·8 | 77·3 | 10·5 | 3·7 | 148·6 | 60·8 | 74·4 | 2·9 | SE | SSE | SSE | SSE | 198 |
| 15 | ·554 | ·578 | ·500 | ·585 | ·545 | 79·5 | 83·3 | 87·4 | 82·3 | 83·6 | 89·5 | 78·4 | 11·1 | 6·0 | 153·5 | 64·0 | 76·8 | 1·6 | SSW | SW | SSW | SW by S | 240 |
| 16 | ·542 | ·558 | ·450 | ·522 | ·513 | 82·1 | 89·3 | 90·3 | 79·5 | 86·1 | 93·7 | 81·2 | 12·5 | 7·4 | 154·0 | 60·3 | 77·7 | 3·5 | SW by S | SW | S | SSE | 269 |
| 17 | ·494 | ·504 | ·407 | ·473 | ·473 | 80·3 | 89·3 | 89·8 | 76·8 | 85·3 | 92·6 | 78·2 | 14·4 | 2·2 | 146·5 | 53·9 | 76·6 | 1·6 | SW by W | SW | WSW | S by E | 163 |
| 18 | ·476 | ·519 | ·474 | ·536 | ·484 | 77·3 | 85·3 | 81·4 | 79·3 | 81·7 | 87·5 | 76·2 | 11·3 | 1·4 | 146·0 | 58·5 | 75·0 | 1·2 | SE | S | SW | SSW | 122 |
| 19 | ·505 | ·534 | ·423 | ·494 | ·482 | 78·2 | 86·3 | 82·6 | 77·8 | 82·0 | 88·3 | 77·4 | 10·9 | 2·4 | 150·5 | 62·2 | 74·6 | 2·8 | SSW | E | NE | W | 93 |
| 20 | ·498 | ·514 | ·470 | ·582 | ·507 | 77·3 | 84·6 | 83·8 | 80·9 | 82·0 | 85·5 | 77·1 | 8·4 | 2·1 | 143·5 | 58·0 | 75·3 | 1·8 | SSW | SSW | SSW | SSW | 151 |
| 21 | ·578 | ·632 | ·553 | ·622 | ·588 | 78·5 | 82·3 | 83·1 | 81·3 | 82·6 | 86·7 | 78·2 | 8·5 | 1·9 | 103·7 | 17·0 | 75·8 | 2·4 | SSE | S | S | S by W | 184 |
| 22 | ·597 | ·644 | ·559 | ·642 | ·608 | 80·3 | 85·3 | 87·3 | 81·9 | 84·7 | 89·8 | 79·8 | 10·0 | 4·3 | 156·5 | 66·7 | 76·8 | 3·0 | SSW | SSW | SSW | S | 195 |
| 23 | ·591 | ·646 | ·583 | ·653 | ·621 | 80·3 | 86·3 | 84·3 | 82·5 | 84·3 | 87·5 | 80·2 | 7·3 | 1·8 | 125·5 | 38·0 | 77·6 | 2·6 | SW by S | SW | S | SSW | 163 |
| 24 | ·649 | ·689 | ·639 | ·700 | ·671 | 80·3 | 86·8 | 85·8 | 81·3 | 84·9 | 89·7 | 80·1 | 9·6 | 3·6 | 152·5 | 62·8 | 77·3 | 2·8 | S | SW | SSW | S by W | 181 |
| 25 | ·695 | ·709 | ·614 | ·660 | ·677 | 78·8 | 87·7 | 86·1 | 80·8 | 85·2 | 91·3 | 78·4 | 12·9 | 9·1 | 158·2 | 66·9 | 74·6 | 3·8 | S by W | S | SSW | S | 161 |
| 26 | ·628 | ·669 | ·573 | ·637 | ·629 | 79·1 | 87·3 | 89·3 | 82·5 | 85·8 | 91·5 | 78·4 | 13·1 | 8·9 | 159·5 | 68·0 | 74·7 | 3·7 | S | SW | S by W | S by W | 157 |
| 27 | ·619 | ·629 | ·545 | ·621 | ·600 | 80·9 | 88·1 | 87·3 | 81·8 | 85·7 | 90·7 | 80·2 | 10·5 | 4·9 | 155·9 | 65·2 | 76·2 | 4·0 | S by W | SSW | S | SW | 176 |
| 28 | ·607 | ·667 | ·611 | ·668 | ·623 | 82·3 | 86·3 | 76·0 | 76·3 | 81·6 | 88·7 | 81·2 | 7·5 | 0 | 145·9 | 57·2 | 77·3 | 3·9 | SSW | SW | SSE | SW | 145 |
| 29 | ·636 | ·684 | ·618 | ·647 | ·639 | 76·7 | 84·3 | 84·3 | 80·9 | 81·9 | 86·6 | 75·4 | 11·2 | 1·1 | 130·4 | 43·8 | 72·8 | 2·6 | S by E | SSW | S by E | SSW | 98 |
| 30 | ·619 | ·632 | ·549 | ·623 | ·595 | 80·1 | 86·3 | 84·8 | 81·2 | 84·4 | 90·5 | 79·2 | 11·3 | 5·7 | 151·5 | 61·0 | 76·1 | 3·1 | S | SSW | SSW | S by W | 169 |
| Mean | 29·573 | 29·602 | 29·519 | 29·597 | 29·567 | 79·9 | 86·2 | 86·3 | 80·9 | 84·3 | 89·8 | 78·5 | 11·3 | Total 111·6 | 146·1 | 56·3 | 75·2 | 3·3 | ... | ... | ... | ... | 175·4 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 78·6 | 81·1 | 81·5 | 79·7 | 80·6 | 78·2 | ·919 | ·996 | 1·010 | ·975 | ·984 | ·923 | 81 | 80 | 80 | 87 | 81 | 86 | ... | 10 | 10 | 10 | 10 | Pc.Fk. *o.* | Pk.Fk..Cs. *o.* | Pc. *o.* |
| 2 | 80·0 | 81·2 | 82·1 | 80·7 | 81·4 | 79·6 | ·982 | ·999 | 1·034 | 1·016 | 1·012 | ·979 | 86 | 80 | 81 | 89 | 81 | 89 | ... | 10 | 10 | 10 | 10 | Pc.Fk. *o.* | Pc. Fk. *c. o.* | C. Cs. Pc. *c.o.* |
| 3 | 79·5 | 80·2 | 81·7 | 81·4 | 81·0 | 79·2 | ·973 | ·951 | 1·010 | 1·046 | 1·000 | ·972 | 88 | 76 | 78 | 91 | 82 | 91 | 0·05 | 10 | 10 | 7 | 10 | Pc. Pk. *o.* | Pc. Fk, Kc. *o.* | K. Fk. P. *c. o. g.d.p.* |
| 4 | 80·2 | 81·2 | 82·3 | 79·2 | 80·4 | 72·6 | 1·012 | ·972 | 1·007 | ·952 | ·978 | ·769 | 93 | 73 | 72 | 85 | 81 | 88 | 0·09 | 10 | 7 | 3 | 10 | Pc. Ck. *o. p.* | C. K. Fk. *c.* | K. Fk. Pc. *c.o.* |
| 5 | 80·2 | 75·4 | 82·3 | 73·7 | 78·9 | 74·8 | 1·012 | ·814 | ·997 | ·793 | 931 | ·789 | 93 | 78 | 70 | 86 | 80 | 76 | 0·56 | 10 | 10 | 5 | 10 | Pk. Fk. *o. p.* | Ck.Pk.K. Fk. *c. o.* | Ck.Pk.Pc. *c.o.t.p.* ☇ |
| 6 | 79·6 | 81·4 | 81·5 | 77·2 | 80·0 | 69·7 | 1·003 | ·972 | ·976 | ·881 | ·960 | ·688 | 97 | 71 | 71 | 83 | 80 | 86 | ... | 10 | 0 | 3 | 2 | Pc.Ck. *o.* | C. *b. c.* | C. Cs. *c.* |
| 7 | 77·4 | 82·8 | 82·3 | 79·5 | 81·3 | 69·4 | ·918 | 1·049 | ·970 | ·969 | 1·002 | ·677 | 92 | 78 | 64 | 87 | 80 | 84 | ... | 0 | 3 | 1 | 1 | *b.* | K. Fk. *c.* | C. *b. c.* |
| 8 | 79·0 | 80·4 | 80·8 | 77·2 | 81·2 | 78·6 | ·979 | ·924 | ·903 | ·888 | ·989 | ·966 | 96 | 68 | 61 | 85 | 78 | 96 | ... | 3 | 4 | 8 | 10 | C.Cs. *c.* ☂ | K. C. *c.* | K. Cs. Pc.Pk. *c.o.* |
| 9 | 77·2 | 80·2 | 79·2 | 78·5 | 79·7 | 76·5 | ·908 | ·924 | ·861 | ·940 | ·939 | ·891 | 91 | 69 | 62 | 88 | 78 | 92 | .. | 5 | 5 | 10 | 9 | C.Pc. *c.* | K. Pc. *c.o.t.* | Pc.Cs.Ck *c.o.* |
| 10 | 78·2 | 79·2 | 79·2 | 76·6 | 79·8 | 77·6 | ·946 | ·877 | ·874 | ·826 | ·930 | ·928 | 93 | 66 | 65 | 73 | 75 | 93 | ... | 2 | 6 | 4 | 3 | C.Cs. *c.* | K. C.Cs. *c.* | Ck.Cs.Pc. *c.* |
| 11 | 77·4 | 79·9 | 78·2 | 78·1 | 79·3 | 76·9 | ·908 | ·907 | ·865 | ·930 | ·933 | ·899 | 89 | 68 | 70 | 89 | 79 | 91 | 0·02 | 1 | 8 | 10 | 1 | Cs. *c.* ☂ | K.P.Pk. *c. o. g. t.* | C. Cs. *c. d.* |
| 12 | 78·3 | 80·5 | 78·9 | 78·5 | 79·3 | 78·0 | ·943 | ·988 | ·942 | ·947 | ·963 | ·933 | 91 | 83 | 85 | 90 | 87 | 91 | 0·79 | 10 | 10 | 9 | 1 | K.Pk.Fk. *o.d.p.* | P.Pk.Pc.Cs. *c.o.t.g.p.* ☇ | Pc. C. *c. g.* |
| 13 | 76·2 | 79·2 | 80·2 | 77·8 | 79·0 | 75·9 | ·889 | ·969 | ·978 | ·911 | ·953 | ·880 | 94 | 90 | 83 | 86 | 87 | 94 | 0·20 | 7 | 10 | 9 | 1 | K.Pk.Fk. *c.p.d.* | Pk. Fk. *c.o.g. p.d.t.* | C. Cs. *c.* |
| 14 | 77·2 | 77·7 | 78·2 | 78·2 | 79·2 | 75·9 | ·922 | ·890 | ·923 | ·940 | ·952 | ·876 | 95 | 81 | 86 | 91 | 85 | 93 | 0·18 | 3 | 7 | 8 | 9 | Ck.Cs. *c. d.* | K. Fk. Pk. *c. p.d.* | P. Fk. Pk. Pc. *c.d.* |
| 15 | 78·1 | 79·4 | 79·3 | 79·2 | 79·9 | 76·8 | ·943 | ·951 | ·894 | ·959 | ·974 | ·903 | 93 | 83 | 69 | 87 | 85 | 93 | 0·34 | 10 | 8 | 6 | 9 | P.Pk. *o. g.d.p.* | Pk.K.Fk. *c.p.* | P. Fk.Pc. *c.g. t.d.* |
| 16 | 78·6 | 80·7 | 82·6 | 78·2 | 81·0 | 77·6 | ·932 | ·934 | 1·012 | ·950 | ·990 | ·901 | 85 | 68 | 71 | 94 | 80 | 85 | 0·73 | 3 | 2 | 10 | 10 | Pc.Ck. *c.* | C.Cs.Pk.K. *c.o.* | C.Cs.P. *c.o. g.t.p.* ☇ |
| 17 | 78·3 | 79·0 | 81·2 | 75·7 | 80·3 | 76·6 | ·943 | ·854 | ·951 | ·877 | ·968 | ·897 | 91 | 62 | 68 | 95 | 80 | 93 | 0·07 | 4 | 7 | 10 | 10 | C.Cs. *c.* | C. Cs. Pc. Pk. *c.o.* | K.Pk.P. *o.g.d.* |
| 18 | 75·4 | 80·9 | 77·2 | 77·7 | 78·8 | 74·8 | ·855 | ·995 | ·881 | ·931 | ·948 | ·843 | 91 | 81 | 83 | 93 | 88 | 93 | 0·03 | 10 | 8 | 10 | 4 | Pc. Ck. *o. d.* | K.Pk. P. *c.o.gt.* | P.Pc.C. *c.o.g.* |
| 19 | 77·2 | 80·2 | 80·0 | 77·1 | 79·1 | 76·6 | ·922 | ·951 | ·992 | ·922 | ·957 | ·904 | 95 | 76 | 89 | 97 | 88 | 95 | 2·79 | 10 | 9 | 10 | 10 | Pc. Ck. *o.* ☂ | K.Fk. Pc.Pk. *c.o.g.p.* | Pc.Pk.P. *o. g.p.t.* ☇ |
| 20 | 76·5 | 80·2 | 79·2 | 78·4 | 79·0 | 76·4 | ·901 | ·972 | ·939 | ·940 | ·951 | ·902 | 95 | 81 | 81 | 89 | 87 | 97 | 0·08 | 10 | 10 | 10 | 10 | Pc. Ck. *o. p.* | Pk.K.Fk. *o.g.d.* | P. *o. g.* |
| 21 | 77·2 | 79·1 | 80·1 | 79·0 | 79·6 | 76·6 | ·919 | ·955 | ·988 | ·963 | ·974 | ·897 | 94 | 87 | 87 | 90 | 87 | 93 | 0·07 | 9 | 9 | 10 | 2 | Pc.Cs. *c. p.* | K. Pk. Pc. *c.o.* | Pc. *c. o.* |
| 22 | 78·7 | 79·7 | 80·4 | 79·4 | 80·6 | 78·5 | ·962 | ·941 | ·945 | ·972 | ·993 | ·960 | 93 | 78 | 72 | 89 | 83 | 94 | ... | 4 | 9 | 7 | 4 | Ck.Fk. *c.* ☂ | K.Ck.Fk.Cs. *c.* | K.C. *c.* |
| 23 | 79·2 | 79·4 | 81·1 | 79·9 | 80·7 | 78·1 | ·986 | ·911 | 1·023 | ·989 | 1·003 | ·936 | 96 | 72 | 87 | 89 | 85 | 91 | ... | 5 | 8 | 10 | 10 | C.Ck. *c.* ☂ | K.Fk.Pc.Cs. *c. o. g.* | Pc. Cs. *o.g.* |
| 24 | 78·9 | 81·1 | 80·2 | 78·7 | 80·6 | 78 6 | ·969 | ·986 | ·958 | ·949 | ·990 | ·959 | 93 | 77 | 78 | 89 | 83 | 93 | ... | 10 | 8 | 10 | 2 | Pc. Cs. *o.* ☂ | Pk.K. Fk. Pc. Cs. *c.o.g.t.* | Pc.Cs.C. *c.o.g.* |
| 25 | 77·7 | 80·2 | 78·6 | 77·8 | 79·9 | 77·6 | ·938 | ·931 | ·878 | ·914 | ·952 | ·935 | 95 | 71 | 70 | 87 | 79 | 95 | ... | 5 | 7 | 7 | 2 | C.Ck. *c.* ☂ | K.Fk.C. *c.* ⊕ | K. C. *c.* |
| 26 | 77·9 | 79·2 | 79·6 | 80·0 | 80·3 | 77·5 | ·944 | ·891 | ·881 | ·992 | ·962 | ·932 | 95 | 69 | 64 | 89 | 79 | 95 | ... | 5 | 5 | 7 | 8 | C.Cs. *c.* ☂ | K.C. *c.* | Ck. C. K. *c.* |
| 27 | 79·3 | 81·2 | 78·9 | 78·2 | 80·9 | 77·6 | ·982 | ·972 | ·874 | ·919 | ·992 | ·914 | 93 | 73 | 67 | 85 | 81 | 89 | ... | 3 | 9 | 9 | 9 | C.Ck. *c.* ☂ | Ck.K.Fk.P. Cs. *c.t.* | P.Ck.Pk. *c.o.g.* |
| 28 | 79·7 | 80·8 | 74·4 | 75·3 | 78·9 | 77 6 | ·982 | ·978 | ·832 | ·865 | ·954 | ·901 | 89 | 78 | 93 | 95 | 88 | 85 | 0·44 | 10 | 10 | 10 | 4 | Pk.Ck. *o.* | Pk.K.P. *o.g.d. p.t.* | P.K.Ck. *c.o.g.* |
| 29 | 75·9 | 80·2 | 81·7 | 79·3 | 79·0 | 74·6 | ·883 | ·978 | 1·051 | ·982 | ·957 | ·845 | 95 | 83 | 89 | 93 | 88 | 95 | 0·01 | 8 | 10 | 10 | 1 | K.Ck. *c.* ☂ | K.Pk.Fk.P. *o. g.d.* | Pk.Ck.C. *c.o.* |
| 30 | 78·5 | 80·7 | 80·2 | 79·3 | 80·9 | 78·2 | ·956 | ·975 | ·972 | ·976 | 1·012 | ·953 | 93 | 78 | 81 | 91 | 86 | 95 | ... | 2 | 8 | 10 | 1 | C.Cs. *c.* ☂ | K.Fk.Pc. *c. o.* | Pc.Ck. *c. o.* |
| Mean | 78·2 | 80·1 | 80·1 | 78·3 | 80·0 | 76·6 | ·944 | ·947 | ·947 | ·937 | ·970 | ·892 | 92 | 76 | 76 | 89 | 83 | 91 | Total 6·45 | 6·63 | 7·57 | 8·10 | 6·10 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·254 | 29·220 | 29·086 | 29·144 | 29·168 | 81·3 | 95·7 | 108·8 | 92·8 | 94·3 | 108·8 | 79·6 | 29·2 | 10·0 | 163·8 | 55·0 | 76·4 | 3·2 | E | E | NNW | ENE | 144·5 |
| 2 | ·166 | ·237 | ·146 | ·209 | ·182 | 83·3 | 87·2 | 95·6 | 89·3 | 88·5 | 95·9 | 82·3 | 13·6 | 0 | 135·9 | 40·0 | 80·0 | 2·3 | E | E | ENE | NE | 185·5 |
| 3 | ·256 | ·337 | ·187 | ·229 | ·244 | 82·3 | 91·3 | 105·8 | 94·2 | 93·1 | 106·0 | 81·5 | 24·5 | 9·0 | 162·1 | 56·1 | 79·0 | 2·5 | ESE | E | NNW | ENE | 146·0 |
| 4 | ·245 | ·298 | ·164 | ·248 | ·231 | 84·5 | 96·4 | 104·5 | 91·3 | 93·9 | 107·1 | 83·2 | 23·9 | 9·9 | 166·8 | 59·7 | 77·7 | 5·5 | SE | NE | NW | ENE | 123·5 |
| 5 | ·242 | ·260 | ·132 | ·163 | ·191 | 83·4 | 100·5 | 105·8 | 93·2 | 95·4 | 107·6 | 82·8 | 24·8 | 8·7 | 164·5 | 56·9 | 74·5 | 8·3 | SW | W | NW | SW | 104·8 |
| 6 | ·169 | ·183 | ·069 | ·145 | ·134 | 86·3 | 101·1 | 109·3 | 93·3 | 97·2 | 110·5 | 83·9 | 26·6 | 0 | 165·6 | 55·1 | 75·8 | 8·1 | Calm | WNW | NNW | ENE | 82·6 |
| 7 | ·198 | ·233 | ·091 | ·213 | ·176 | 85·8 | 98·3 | 107·8 | 89·3 | 95·0 | 108·4 | 84·7 | 23·7 | 7·1 | 165·8 | 57·4 | 78·5 | 6·2 | E | E | NNW | ESE | 107·5 |
| 8 | ·275 | ·331 | ·193 | ·279 | ·262 | 85·3 | 94·1 | 103·6 | 94·3 | 94·0 | 104·3 | 84·1 | 20·2 | 8·8 | 161·7 | 57·4 | 80·0 | 4·1 | E | NE | ENE | ESE | 194·8 |
| 9 | ·312 | ·318 | ·174 | ·238 | ·252 | 86·1 | 99·3 | 107·8 | 94·3 | 96·6 | 108·1 | 85·1 | 23·0 | 8·5 | 164·2 | 56·1 | 79·3 | 5·8 | E | ENE | ENE | ENE | 108·7 |
| 10 | ·281 | ·274 | ·120 | ·169 | ·203 | 86·3 | 100·4 | 108·3 | 95·4 | 97·3 | 109·3 | 84·7 | 24·6 | 11·0 | 164·9 | 55·6 | 76·8 | 7·9 | ESE | NW | WNW | E | 108·1 |
| 11 | ·171 | ·201 | ·043 | ·142 | ·131 | 88·3 | 101·4 | 109·3 | 97·3 | 98·8 | 110·0 | 87·3 | 22·7 | 10·0 | 166·2 | 56·2 | 80·2 | 7·1 | E | NW | NNE | E | 99·7 |
| 12 | ·120 | ·201 | ·105 | ·175 | ·142 | 88·4 | 101·9 | 104·3 | 95·0 | 97·1 | 105·7 | 87·8 | 17·9 | 8·8 | 166·7 | 61·0 | 83·4 | 4·4 | E | E | E | E | 224·8 |
| 13 | ·199 | ·237 | ·120 | ·195 | ·180 | 87·3 | 95·2 | 100·3 | 93·0 | 93·7 | 100·5 | 86·5 | 14·0 | 10·8 | 162·1 | 61·6 | 82·2 | 4·3 | E | E | ENE | E | 301·8 |
| 14 | ·185 | ·195 | ·051 | ·188 | ·147 | 84·3 | 92·3 | 100·3 | 92·4 | 89·5 | 100·5 | 83·0 | 17·5 | 7·5 | 164·9 | 64·4 | 80·5 | 2·5 | E | NE | NE | ENE | 309·7 |
| 15 | ·137 | ·174 | ·107 | ·214 | ·150 | 80·2 | 86·2 | 89·3 | 81·3 | 83·9 | 92·9 | 78·6 | 14·3 | 2·9 | 155·1 | 62·2 | 76·7 | 1·9 | ENE | NW | NNW | ENE | 250·5 |
| 16 | ·190 | ·211 | ·124 | ·173 | ·166 | 80·1 | 89·3 | 83·0 | 84·3 | 83·9 | 97·5 | 78·6 | 18·9 | 5·7 | 165·6 | 68·1 | 74·9 | 3·7 | NNE | NW | SSE | SSE | 68·7 |
| 17 | ·164 | ·196 | ·080 | ·153 | ·140 | 82·3 | 93·4 | 99·3 | 87·3 | 90·3 | 102·5 | 78·5 | 24·0 | 0 | 161·2 | 58·7 | 76·8 | 1·7 | Calm | WNW | SW | Calm | 120·7 |
| 18 | ·161 | ·181 | ·062 | ·188 | ·140 | 87·1 | 97·2 | 102·9 | 90·3 | 94·1 | 103·6 | 84·6 | 19·0 | 7·5 | 163·1 | 59·5 | 79·8 | 4·8 | WSW | NW | SE | SE | 119·9 |
| 19 | ·178 | ·254 | ·127 | ·213 | ·185 | 85·7 | 92·4 | 100·7 | 90·3 | 92·0 | 100·7 | 84·6 | 16·1 | 9·8 | 161·8 | 61·1 | 77·6 | 7·0 | SW | E | ENE | E | 163·4 |
| 20 | ·216 | ·248 | ·137 | ·247 | ·204 | 82·4 | 94·1 | 89·3 | 84·3 | 87·2 | 102·1 | 81·7 | 20·4 | 6·5 | 167·9 | 65·8 | 79·8 | 1·9 | E | NW | S | ENE | 140·4 |
| 21 | ·239 | ·296 | ·207 | ·309 | ·255 | 81·3 | 87·0 | 89·3 | 81·3 | 84·4 | 93·0 | 80·1 | 12·9 | 1·2 | 172·6 | 79·6 | 76·8 | 3·3 | ENE | NNE | ENE | WNW | 177·3 |
| 22 | ·286 | ·333 | ·218 | ·316 | ·280 | 81·0 | 88·5 | 95·3 | 80·2 | 85·9 | 95·5 | 79·6 | 15·9 | 4·2 | 157·6 | 62·1 | 76·8 | 2·8 | Calm | WNW | NNE | E | 73·8 |
| 23 | ·304 | ·351 | ·255 | ·308 | ·296 | 77·2 | 86·7 | 94·2 | 87·1 | 86·0 | 95·2 | 74·4 | 20·8 | 10·0 | 156·2 | 61·0 | 73·4 | 1·0 | Calm | WNW | NNW | Calm | 95·0 |
| 24 | ·318 | ·353 | ·230 | ·315 | ·296 | 82·6 | 95·4 | 101·5 | 88·4 | 91·7 | 102·0 | 81·0 | 21·0 | 10·6 | 163·8 | 61·8 | 76·8 | 4·2 | Calm | Calm | NW | E | 42·7 |
| 25 | ·326 | ·336 | ·229 | ·277 | ·284 | 84·3 | 96·4 | 94·2 | 86·6 | 90·1 | 102·7 | 82·7 | 20·0 | 6·9 | 167·2 | 64·5 | 76·8 | 5·9 | SSW | SW | SE | ESE | 104·7 |
| 26 | ·256 | ·288 | ·167 | ·253 | ·233 | 84·4 | 96·3 | 102·4 | 90·5 | 93·1 | 105·1 | 83·5 | 21·6 | 0 | 158·2 | 53·1 | 78·7 | 4·8 | ESE | SW | NNW | SSE | 105·5 |
| 27 | ·252 | ·281 | ·135 | ·208 | ·211 | 88·1 | 96·3 | 107·1 | 96·3 | 96·7 | 107·4 | 86·8 | 20·6 | 4·6 | 162·3 | 54·9 | 83·4 | 3·4 | WSW | WSW | NW | S | 158·8 |
| 28 | ·222 | ·252 | ·118 | ·198 | ·190 | 89·6 | 100·9 | 109·0 | 98·2 | 99·1 | 109·3 | 89·0 | 20·3 | 4·8 | 165·7 | 56·4 | 82·8 | 6·2 | WSW | WNW | NW | NNE | 144·4 |
| 29 | ·273 | ·325 | ·211 | ·266 | ·261 | 87·4 | 94·8 | 101·3 | 92·3 | 93·7 | 103·2 | 86·8 | 16·4 | 6·1 | 170·8 | 67·6 | 84·7 | 2·1 | SW | N | N | SW | 136·9 |
| 30 | ·248 | ·282 | ·139 | ·243 | ·220 | 89·0 | 94·8 | 103·4 | 92·1 | 94·5 | 105·0 | 87·6 | 17·4 | 5·0 | 163·4 | 58·4 | 82·1 | 5·5 | SW | W | NW | ESE | 147·0 |
| Mean | 29·228 | 29·263 | 29·141 | 29·221 | 29·205 | 84·5 | 94·8 | 101·1 | 90·2 | 92·4 | 103·3 | 83·2 | 20·2 | Total 195·9 | 162·9 | 59·6 | 78·7 | 4·4 | ... | ... | ... | ... | 143·1 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 77·7 | 82·1 | 78·2 | 80 5 | 79·6 | 76·4 | ·902 | ·913 | ·552 | ·876 | ·811 | ·868 | 85 | 54 | 22 | 57 | 54 | 86 | ... | 3 | 0 | 0 | 0 | Ck. *c.* | *b.* H | *b.* ∞ |
| 2 | 79·1 | 79·0 | 80·3 | 79·2 | 79·4 | 78·2 | ·939 | ·881 | ·828 | ·862 | ·878 | ·911 | 82 | 68 | 49 | 63 | 66 | 83 | ... | 9 | 10 | 10 | 1 | Cs.Ck.*c.* | Pc.Pk. *o.*∞ | Pc. *c. o.*∞ |
| 3 | 79·2 | 81·2 | 77·9 | 80·1 | 79·6 | 78·5 | ·957 | ·930 | ·579 | ·838 | ·826 | ·936 | 87 | 63 | 26 | 52 | 57 | 87 | ... | 0 | 7 | 0 | 0 | ∞ | Ck. Cs. *c. b.* H | Pk. *c. b.* |
| 4 | 81·0 | 81·8 | 74·4 | 74·5 | 77·9 | 78·1 | 1·012 | ·889 | ·446 | ·629 | ·744 | ·895 | 85 | 52 | 20 | 43 | 50 | 79 | .. | 4 | 2 | 1 | 9 | C. *c.*∞ | C.Fk. *c.* H | Ck. Pk. ∞ Pc. *c.* |
| 5 | 72·2 | 74·2 | 72·6 | 71·1 | 72·5 | 72·1 | ·641 | ·491 | ·355 | ·465 | ·488 | ·645 | 56 | 24 | 16 | 30 | 32 | 58 | ... | 0 | 0 | 1 | 1 | ∞ | Fk. *c.* ∞ | Ck. *c.* ∞ |
| 6 | 70·1 | 74·2 | 74·1 | 74·6 | 73·2 | 69·3 | ·520 | ·484 | ·369 | ·606 | ·495 | 521 | 41 | 24 | 15 | 39 | 30 | 45 | ... | 7 | 10 | 4 | 0 | Ck. Cs.*c.* ∞ | Cs.Ck. *c. o.* ∞ H | *b.* ∞ H |
| 7 | 79·7 | 82·6 | 77·2 | 75·1 | 78·6 | 73·5 | ·933 | ·903 | ·521 | ·681 | ·760 | ·676 | 76 | 49 | 21 | 49 | 49 | 58 | ... | 2 | 0 | 2 | 0 | Ck. *c.*∞ | Fk.K. *c.* ∞ H | Fk. *c. b.* ∞ |
| 8 | 79·2 | 80·2 | 80·7 | 78·8 | 79·7 | 78·8 | ·916 | ·844 | ·738 | ·776 | ·818 | ·914 | 76 | 52 | 34 | 48 | 52 | 78 | ... | 3 | 1 | 0 | 2 | C. Cs. *c.* ∞ | Fk. *c.* ∞ | C. Cs. *c.*∞ |
| 9 | 76·9 | 80·4 | 77·6 | 75·1 | 77·5 | 76·5 | ·802 | ·783 | ·539 | ·613 | ·684 | ·798 | 64 | 42 | 23 | 38 | 42 | 66 | .. | 0 | 0 | 2 | 0 | ∞ | Fk *c.* ∞ | *b.* |
| 10 | 75·6 | 76·6 | 77·9 | 78·2 | 77·1 | 74·1 | ·743 | ·595 | ·545 | ·734 | ·654 | ·701 | 60 | 30 | 22 | 44 | 39 | 59 | ... | 0 | 0 | 2 | 0 | ∞ | Fk.K. *c.*∞ | C. Fk. *c.b.* |
| 11 | 76·2 | 76·6 | 78·2 | 78·0 | 77·2 | 75·1 | ·742 | ·582 | ·545 | ·699 | ·642 | ·708 | 56 | 29 | 21 | 39 | 36 | 55 | ... | 6 | 0 | 1 | 0 | Ck. *c.*∞ | Fk. *c.b.* H | *b.* |
| 12 | 77·0 | 80·2 | 80·2 | 78·6 | 79·0 | 76·2 | ·775 | ·738 | ·705 | ·758 | ·744 | ·749 | 57 | 37 | 32 | 45 | 43 | 57 | ... | 1 | 2 | 2 | 0 | Ck. *c.*∞ | Ck. C.∞ *c.* | C. *c b.*∞ |
| 13 | 78·2 | 80·0 | 79·6 | 78 7 | 79·1 | 76 8 | ·843 | ·819 | ·731 | ·789 | ·796 | ·792 | 65 | 50 | 38 | 51 | 51 | 62 | ... | 3 | 4 | 6 | 5 | C. *c.* | C Cs. K. Fk. *c.* | C. Fk. Cs. *c.* |
| 14 | 77·2 | 80·4 | 80·2 | 77·5 | 78 8 | 76·6 | ·839 | ·878 | ·759 | ·879 | ·839 | ·830 | 72 | 57 | 39 | 79 | 73 | 62 | ... | 3 | 9 | 7 | 4 | C. Ck. *c.* | Fk. K. *c.* | Fk. K, Pk. *c.b.* |
| 15 | 76·7 | 79·2 | 79·5 | 77·2 | 78·2 | 74·6 | ·873 | ·905 | ·876 | ·880 | ·884 | ·804 | 85 | 72 | 64 | 83 | 76 | 82 | 0 06 | 10 | 10 | 9 | 8 | Pc. Cs. *o. d.* | Pk.Pc. Ck. Cs K. *c.o.* | Cs. Ck. Fk. Pk. Pc. *c.* |
| 16 | 77·6 | 79·2 | 78·2 | 78·7 | 78·4 | 76·4 | ·914 | ·862 | ·902 | ·907 | ·896 | ·881 | 89 | 63 | 80 | 77 | 77 | 90 | 0·01 | 7 | 9 | 9 | 1 | Ck.Pk. *c.* | Pk. Fk. K. Pc. *c. t.* | Pc. Ck. Fk. *c. lr.* |
| 17 | 80·2 | 79·0 | 80·5 | 78·2 | 79·5 | 76·4 | 1·004 | ·797 | ·787 | 843 | ·858 | ·883 | 91 | 50 | 42 | 65 | 62 | 91 | ... | 5 | 7 | 8 | 6 | Ck. C. *c.* | K. C. Fk. *c. p.* | Ck. Pc. Pk. *c.* |
| 18 | 77·4 | 80·2 | 79·7 | 78·7 | 79·0 | 76·6 | ·811 | ·802 | ·701 | ·826 | ·785 | ·809 | 63 | 45 | 33 | 58 | 50 | 68 | ... | 8 | 0 | 7 | 0 | Ck. *c.* | Pc. Fk. K. *b. c.* | Pk. P. *c. b* . |
| 19 | 78·7 | 80·2 | 79·2 | 79·2 | 79·3 | 76·9 | ·888 | ·867 | ·708 | ·848 | ·828 | ·822 | 72 | 57 | 36 | 60 | 56 | 70 | ... | 9 | 5 | 4 | 2 | Ck.Cs. *c.* | C.Fk.Ck. *c.* | C. Ck. *c.* |
| 20 | 78·8 | 81·2 | 79·9 | 78·2 | 79·5 | 77·5 | ·937 | ·891 | ·894 | ·884 | ·902 | ·888 | 85 | 55 | 64 | 75 | 70 | 82 | 0·05 | 8 | 6 | 10 | 5 | C.Cs.Fk. Ck. *c.* | Cs. K. Pc. Pk. *c.o.g.* | Pc. Pk. Ck Cs *c. o* |
| 21 | 77·3 | 78·7 | 78·1 | 78·2 | 78·1 | 76·3 | ·884 | ·870 | ·812 | ·925 | ·873 | ·857 | 83 | 68 | 59 | 87 | 74 | 83 | ... | 9 | 10 | 10 | 9 | Ck.Pk. *c.* | Pk. Cs. Pc. *o. g.* | Pk. Pc. *c. o. g. d.* |
| 22 | 75·6 | 78·2 | 80·2 | 75·4 | 77·4 | 74·7 | ·814 | ·827 | ·827 | ·816 | ·821 | ·796 | 76 | 62 | 50 | 79 | 67 | 78 | ... | 9 | 9 | 7 | 10 | Ck.Cs. *c.* | Pk.Ck.C. K. *c.* | C.Cs.Fk. Pk. *c.o t.* |
| 23 | 76·2 | 80·3 | 81·0 | 80·2 | 79·4 | 73·0 | ·892 | ·949 | ·880 | ·939 | ·915 | ·794 | 95 | 74 | 55 | 72 | 74 | 93 | 0·68 | 4 | 5 | 6 | 0 | C.Ck. *c.t.* | Fk. K. C. Ck. *c.* | C. Ck. *c.b.* |
| 24 | 80·3 | 82·1 | 77·5 | 77·6 | 79·4 | 79·6 | 1·005 | ·917 | ·620 | ·801 | ·836 | 993 | 90 | 55 | 31 | 60 | 59 | 94 | ... | 2 | 1 | 3 | 3 | C. *c.* | Fk. C. Cs. K. *c.* | C.Cs. Fk. *c.* |
| 25 | 77·5 | 80·4 | 78·1 | 78·2 | 78·6 | 76·3 | ·852 | ·822 | ·746 | ·853 | ·818 | ·821 | 73 | 47 | 47 | 67 | 58 | 73 | ... | 1 | 1 | 10 | 1 | Cs. *c.* | Cs. Pc. *c.o.* | Pc. C. *c. o.* |
| 26 | 78·4 | 80·2 | 79·7 | 77·7 | 79·0 | 76·7 | ·892 | ·814 | ·708 | ·778 | ·798 | ·828 | 75 | 47 | 35 | 54 | 53 | 72 | ... | 9 | 10 | 9 | 9 | Cs.Ck. *c.* | C. Ck. Pk. *c.o.* ∞ | Pc. Cs. ∞ *c. o. lr.* |
| 27 | 76·4 | 79·2 | 77·2 | 78·7 | 77·9 | 75 8 | ·753 | ·767 | ·531 | ·744 | ·699 | ·744 | 57 | 45 | 22 | 44 | 42 | 58 | ... | 8 | 0 | 1 | 3 | Ck. *c.*∞ | Fk. *c.* ∞ | Ck. *c.* ∞ |
| 28 | 78·2 | 80·2 | 77·7 | 79·1 | 78·2 | 76·8 | ·813 | ·751 | ·527 | ·737 | ·707 | ·758 | 58 | 38 | 20 | 41 | 39 | 55 | ... | 8 | 0 | 0 | 0 | Ck. *c* ∞ | ∞ H | ∞ |
| 29 | 77·7 | 80·6 | 83·1 | 80·2 | 80·4 | 76·8 | ·820 | ·853 | ·887 | ·868 | ·857 | ·788 | 64 | 53 | 45 | 57 | 55 | 62 | ... | 3 | 8 | 9 | 0 | Ck. *c.*∞ | Cs. Fk. Ck. *c.* | Cs.Ck. *c.*∞ |
| 30 | 78·5 | 80·3 | 79·2 | 79·7 | 79·4 | 76·7 | ·834 | ·839 | ·671 | ·848 | ·798 | ·772 | 61 | 51 | 32 | 56 | 50 | 58 | .. | 9 | 9 | 0 | 10 | Pc.Ck. *c.* | Ck.Pc. *c.* ∞ | Cs. Fk. ∞ Pc. *c.o.* |
| Mean | 77·5 | 79·6 | 78·6 | 77 8 | 78·4 | 76·0 | ·852 | ·809 | ·676 | ·790 | ·782 | ·806 | 73 | 50 | 36 | 57 | 55 | 71 | Total 0·80 | 5·00 | 4·50 | 4·67 | 2·97 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal 00 woolled pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·183 | 29·029 | 95·0 | 107·4 | 108·3 | 81·8 | 26·5 | 159·7 | 51·4 | 79·1 | 2·7 | N | N | NNE | NNW | 115 |
| 2 | ·173 | ·075 | 89·6 | 104·4 | 105·3 | 82·3 | 23·0 | 153·7 | 48·4 | 82·1 | 0·2 | N | N | SSE | SSW | 131 |
| 3 | ·272 | ·168 | 90·6 | 102·4 | 103·3 | 76·8 | 26·5 | 157·7 | 54·4 | 70·0 | 6·8 | WNW | WNW | WNW | WNW | 171 |
| 4 | ·239 | ·170 | 95·5 | 88·6 | 104·3 | 76·8 | 27·5 | 161·7 | 57·4 | 75·1 | 1·7 | WSW | N | SW | W | 175 |
| 5 | ·254 | ·145 | 93·5 | 102·9 | 103·3 | 75·8 | 27·5 | 157·7 | 54·4 | 70·0 | 5·8 | W | SSW | WNW | N | 145 |
| 6 | ·153 | ·043 | 92·5 | 104·4 | 106·3 | 80·8 | 25·5 | 157·7 | 51·4 | 72·0 | 8·8 | NNE | SSE | N | Calm | 111 |
| 7 | ·195 | ·079 | 95·0 | 104·4 | 105·8 | 81·8 | 24·0 | 157·7 | 51·9 | 77·1 | 4·7 | NNE | SE | NNE | NE | 86 |
| 8 | ·273 | ·185 | 91·6 | 101·4 | 102·3 | 81·8 | 20·5 | 162·7 | 60·4 | 79·1 | 2·7 | WNW | NW | W | WNW | 141 |
| 9 | ·272 | ·134 | 98·5 | 107·4 | 108·8 | 80·8 | 28·0 | 164·7 | 55·9 | 77·6 | 3·2 | NW | WNW | WSW | W | 82 |
| 10 | ·223 | ·080 | 100·4 | 108·4 | 110·3 | 83·7 | 26·6 | 163·7 | 53·4 | 78·6 | 5·1 | N | SE | S | SSW | 98 |
| 11 | ·146 | ·037 | 100·4 | 107·4 | 109·3 | 86·2 | 23·1 | 161·7 | 52·4 | 82·1 | 4·1 | SSW | WSW | NNW | NNW | 145 |
| 12 | ·189 | ·138 | 92·5 | 99·4 | 103·3 | 83·7 | 19·6 | 160·7 | 57·4 | 83·1 | 0·6 | NNW | NW | NNW | NNW | 209 |
| 13 | ·189 | ·153 | 96·5 | 88·6 | 103 8 | 83·7 | 20·1 | 163·7 | 59·9 | 82·1 | 1·6 | NNW | NNW | SSW | WSW | 202 |
| 14 | 215 | ·110 | 74·2 | 82·7 | 90·3 | 74·3 | 16·0 | 154·7 | 64·4 | 73·0 | 1·3 | W | SSW | WSW | W | 224 |
| 15 | ·183 | ·120 | 79·7 | 81·7 | 85·3 | 76·8 | 8·5 | 124·7 | 39·4 | 75·1 | 1·7 | WNW | WSW | N | NNE | 146 |
| 16 | ·182 | ·092 | 83·7 | 91·6 | 92·8 | 75·8 | 17·0 | 154·7 | 61·9 | 75·1 | 0·7 | N | N | N | NNW | 47 |
| 17 | ·151 | ·036 | 88·6 | 95·5 | 96·3 | 78·8 | 17·5 | 155·7 | 59·4 | 75·1 | 3·7 | NNW | NNE | W | NE | 66 |
| 18 | ·125 | ·020 | 94·0 | 103·4 | 103·3 | 81·8 | 21·5 | 156·7 | 53·4 | 70·5 | 11·3 | ENE | NE | WSW | WSW | 50 |
| 19 | ·175 | ·083 | 88·6 | 99·4 | 99·3 | 81·8 | 17·5 | 163·7 | 64·4 | 77·1 | 4·7 | WSW | NW | NNW | NNW | 154 |
| 20 | ·199 | ·095 | 90 6 | 97·5 | 100·3 | 80·8 | 19·5 | 160·7 | 60·4 | 78 1 | 2·7 | NNW | NNW | WSW | N | 123 |
| 21 | ·236 | ·195 | 87·6 | 85·6 | 95·3 | 75·8 | 19·5 | 158·7 | 63·4 | 75·1 | 0·7 | N | NE | NNW | NNW | 123 |
| 22 | ·286 | ·199 | 85·6 | 93·5 | 94·3 | 77 8 | 16·5 | 156·7 | 62·4 | 75·1 | 2·7 | NNW | NNW | WNW | WNW | 67 |
| 23 | ·287 | ·200 | 88 6 | 95·5 | 97·8 | 77·8 | 20·0 | 157·7 | 59·9 | 74·6 | 3·2 | ESE | ESE | ENE | Calm | 60 |
| 24 | ·291 | ·197 | 94·5 | 99·4 | 102·3 | 79·8 | 22·5 | 163·7 | 61·4 | 78·1 | 1·7 | Calm | ENE | ENE | ENE | 60 |
| 25 | ·266 | ·138 | 97·5 | 104·4 | 105·8 | 81·3 | 24·5 | 162·7 | 56·9 | 76·1 | 5·2 | SE | S | NW | Calm | 56 |
| 26 | ·215 | ·128 | 97·5 | 101·4 | 103·3 | 85·7 | 17·6 | 160·7 | 57·4 | 82·6 | 3·1 | SSW | SW | ENE | Calm | 66 |
| 27 | ·198 | ·081 | 101·4 | 106·4 | 108·7 | 84·2 | 24·5 | 162·7 | 54 0 | 79·1 | 5·1 | ENE | ENE | NE | Calm | 45 |
| 28 | ·193 | ·091 | 98·5 | 105·4 | 106·8 | 82·8 | 24·0 | 159·2 | 52·4 | 78·1 | 4·7 | ENE | ENE | ENE | SE | 117 |
| 29 | ·273 | ·157 | 85·6 | 95·5 | 100·3 | 76·8 | 23·5 | 146·7 | 46·4 | 76·1 | 0·7 | SSW | SSE | Calm | NNE | 80 |
| 30 | ·221 | ·113 | 92·1 | 94·5 | 96·7 | 79·8 | 16·9 | 147·7 | 51·0 | 78·1 | 1·7 | NNE | NNE | NNE | NNE | 61 |
| Mean | 29·215 | 29·116 | 92·0 | 98·7 | 101·8 | 80·3 | 21·5 | 157·7 | 55·9 | 76·8 | 3·5 | ... | ... | ... | ... | 111·9 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Minimum. | 10 hours. | 16 hours. | From Minimum. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P. M. |
| 1 | 80·9 | 82·9 | 75·5 | ·864 | ·793 | ·799 | 53 | 33 | 73 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 78·9 | 80·9 | 76·5 | ·844 | ·737 | ·836 | 61 | 34 | 75 | ... | 0 | 0 | *b.* | *b.* | K. *r.* |
| 3 | 79·9 | 78·9 | 69·5 | ·877 | ·671 | ·624 | 62 | 32 | 67 | 0·28 | 3 | 5 | K. | K. | K. |
| 4 | 75·0 | 76·9 | 70·5 | ·593 | ·768 | ·662 | 35 | 57 | 71 | 0·63 | 3 | 6 | K. | K. *r.* | K. |
| 5 | 75·9 | 77·9 | 70·5 | ·658 | ·619 | ·676 | 42 | 30 | 75 | ... | 9 | 4 | Pc. | Pk. | *b.* |
| 6 | 76·9 | 75·9 | 70·5 | ·712 | ·511 | ·609 | 47 | 23 | 58 | 0·03 | 8 | 3 | Pc. | Pk. | *b.* |
| 7 | 82·9 | 78·9 | 73·5 | ·962 | ·644 | ·715 | 59 | 29 | 65 | ... | 0 | 0 | *b.* | *b.* | *b. t.* ≤ |
| 8 | 74·0 | 78·9 | 72·5 | ·604 | ·684 | ·674 | 41 | 34 | 61 | ... | 7 | 0 | Pk. | *b.* | *b.* |
| 9 | 80·9 | 81·9 | 74·5 | ·817 | ·745 | ·770 | 45 | 31 | 73 | ... | 0 | 6 | *b.* | K. | K. |
| 10 | 75·9 | 80·9 | 73·5 | ·565 | ·683 | ·690 | 29 | 28 | 60 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 79·9 | 81·9 | 74·0 | ·744 | ·744 | ·676 | 38 | 31 | 55 | ... | 0 | 6 | *b.* | K. | K. |
| 12 | 77·9 | 80·9 | 75·5 | ·760 | ·805 | ·774 | 50 | 43 | 68 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 78·9 | 74·0 | 76·5 | ·751 | ·644 | ·817 | 44 | 48 | 72 | ... | 4 | 5 | K. | K. | K. *r. p.* |
| 14 | 74·0 | 75·9 | 72·5 | ·838 | ·804 | ·775 | 98 | 71 | 90 | 0·56 | 10 | 4 | Pc. *r.* | Pc *r.* | K. *r. p.* |
| 15 | 77·9 | 77·9 | 74·5 | ·933 | ·906 | ·824 | 91 | 83 | 89 | 1·18 | 10 | 10 | Pc. *r.* | Pc *r.* | Pc. *r. p.* |
| 16 | 78·9 | 80·9 | 74·5 | ·925 | ·911 | ·838 | 79 | 62 | 93 | 0·09 | 8 | 3 | Pc. | K. | K. |
| 17 | 80·9 | 81·9 | 77·5 | ·952 | ·906 | ·927 | 71 | 54 | 93 | ... | 7 | 3 | Pk. | Pk. | Pk. |
| 18 | 81·4 | 82·6 | 70·5 | ·903 | ·848 | ·600 | 57 | 40 | 55 | ... | 0 | 2 | *b.* | K. | *b.* |
| 19 | 78·9 | 79·9 | 75·5 | ·858 | ·758 | ·799 | 64 | 40 | 73 | ... | 0 | 6 | *b.* | K. | K. |
| 20 | 79·9 | 82·9 | 75·5 | ·877 | ·928 | ·812 | 62 | 52 | 77 | ... | 5 | 6 | K. | Fk. | Fk. *p. r.* |
| 21 | 80·9 | 77·9 | 73·5 | ·965 | ·853 | ·796 | 74 | 70 | 88 | 0·25 | 7 | 8 | Pk. | Fk. | Fk. |
| 22 | 78·9 | 81·9 | 74·5 | ·898 | ·933 | ·811 | 74 | 60 | 84 | ... | 6 | 5 | K. | K. | K. *t.* ≤ |
| 23 | 79·9 | 82·9 | 73·5 | ·904 | ·955 | ·769 | 68 | 57 | 80 | ... | 6 | 4 | K. | K. | K. |
| 24 | 79·9 | 82·9 | 78·5 | ·824 | ·902 | ·959 | 51 | 48 | 93 | ... | 5 | 3 | K. | K. | K. |
| 25 | 79·9 | 77·9 | 77·5 | ·783 | ·598 | ·893 | 44 | 27 | 83 | ... | 0 | 4 | *b.* | K. | K. |
| 26 | 81·9 | 82·9 | 76·5 | ·879 | ·875 | ·790 | 50 | 44 | 65 | ... | 8 | 0 | Pk. | *b.* | *b.* |
| 27 | 77·9 | 79·9 | 76·5 | ·653 | ·663 | ·810 | 34 | 28 | 70 | ... | 0 | 6 | *b.* | K. | *b.* |
| 28 | 77·9 | 78·9 | 74·5 | ·679 | ·630 | ·743 | 37 | 28 | 65 | ... | 7 | 0 | Pk. | *b.* | *b.* |
| 29 | 77·9 | 79·9 | 74·0 | ·853 | ·811 | ·803 | 70 | 49 | 86 | 0·12 | 10 | 0 | Pc. | *b.* | *b.* |
| 30 | 81·9 | 82·9 | 75·5 | ·953 | ·969 | ·826 | 64 | 60 | 80 | 0·14 | 5 | 7 | K. | K. | K. |
| Mean | 78·9 | 80·0 | 74·3 | ·814 | ·777 | ·770 | 56 | 44 | 78 | Total 3·28 | 4·27 | 3·53 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·737 | 28·772 | 28·660 | 28·696 | 28·716 | 87·2 | 103·0 | 103·2 | 91·2 | 96·1 | 110·6 | 86·6 | 24·0 | 7·0 | 166·0 | 55·4 | 80·5 | 6·1 | NE | SE | NE | Calm | 140·7 |
| 2 | ·665 | ·718 | ·620 | ·737 | ·685 | 84·7 | 101·2 | 109·2 | 91·7 | 96·7 | 110·7 | 84·6 | 26·1 | 0 | 158·0 | 47·3 | 77·5 | 7·1 | Calm | E | SW | N | 65·8 |
| 3 | ·781 | ·827 | ·772 | ·894 | ·818 | 86·2 | 96·2 | 92·4 | 75·6 | 87·6 | 105·1 | 84·4 | 20·7 | 0 | 157·5 | 52·4 | 81·5 | 2·9 | Calm | E | E | E | 148·7 |
| 4 | ·864 | ·939 | ·830 | ·815 | ·862 | 73·6 | 88·2 | 97·2 | 87·2 | 86·6 | 98·1 | 70·9 | 27·2 | 4·4 | 152·0 | 53·9 | 63·7 | 7·2 | NE | SE | Calm | Calm | 182·4 |
| 5 | ·804 | ·807 | ·689 | ·721 | ·755 | 80·7 | 95·2 | 102·7 | 94·0 | 93·2 | 103·7 | 78·9 | 24·8 | 0·6 | 158·0 | 54·3 | 74·9 | 4·0 | Calm | SE | E | Calm | 40·1 |
| 6 | ·736 | ·819 | ·708 | ·725 | ·747 | 79·7 | 91·2 | 103·2 | 85·2 | 89·8 | 104·1 | 73·4 | 30·7 | 6·2 | 162·0 | 57·9 | 67·6 | 5·8 | E | N | N | Calm | 147·3 |
| 7 | ·747 | ·829 | ·714 | ·783 | ·768 | 74·6 | 98·2 | 107·2 | 93·2 | 93·3 | 107·7 | 72·9 | 34·8 | 11·2 | 168·0 | 60·3 | 64·7 | 8·2 | N | NW | N | N | 59·6 |
| 8 | ·802 | ·869 | ·790 | ·804 | ·816 | 83·5 | 100·2 | 108·2 | 88·2 | 95·0 | 110·1 | 75·9 | 34·2 | 9·3 | 169·0 | 58·9 | 69·6 | 6·3 | E | E | N | Calm | 57·1 |
| 9 | ·848 | ·909 | ·771 | ·788 | ·829 | 81·2 | 100·8 | 111·0 | 91·7 | 96·2 | 111·1 | 78·9 | 32·2 | 6·0 | 166·0 | 54·9 | 71·6 | 7·3 | Calm | SE | E | Calm | 45·1 |
| 10 | ·816 | ·849 | ·755 | ·783 | ·801 | 85·2 | 106·2 | 98·2 | 86·2 | 94·0 | 111·9 | 82·8 | 29·1 | 1·7 | 166·5 | 54·6 | 76·5 | 6·3 | Calm | W | W | ESE | 50·9 |
| 11 | ·810 | ·841 | ·697 | ·709 | ·764 | 81·2 | 94·2 | 106·7 | 88·2 | 92·6 | 107·6 | 78·9 | 28·7 | 4·1 | 165·0 | 57·4 | 74·6 | 4·3 | Calm | S | W | Calm | 128·0 |
| 12 | ·737 | ·811 | ·733 | ·780 | ·765 | 89·7 | 98·2 | 103·2 | 92·8 | 96·0 | 106·1 | 85·3 | 20·8 | 2·1 | 163·0 | 56·9 | 80·5 | 4·8 | Calm | S | NE | W | 111·5 |
| 13 | ·838 | ·914 | ·783 | ·805 | ·835 | 80·9 | 91·7 | 98·6 | 85·7 | 89·2 | 99·9 | 78·9 | 21·0 | 0 | 154·0 | 54·1 | 71·6 | 7·3 | E | SW | SW | Calm | 140·0 |
| 14 | ·802 | ·855 | ·744 | ·788 | ·797 | 82·2 | 92·7 | 94·2 | 81·7 | 87·7 | 95·6 | 80·8 | 14·7 | 4·7 | 160·3 | 64·7 | 76·5 | 4·4 | ESE | ESE | E | Calm | 121·8 |
| 15 | ·773 | ·840 | ·736 | ·792 | ·785 | 75·1 | 91·6 | 96·7 | 84·4 | 87·0 | 97·6 | 72·9 | 24·7 | 0 | 156·0 | 58·4 | 65·7 | 7·2 | Calm | S | Calm | Calm | 62·7 |
| 16 | ·771 | ·829 | ·721 | ·759 | ·770 | 81·2 | 88·2 | 97·2 | 86·2 | 88·2 | 98·1 | 79·8 | 18·3 | 0 | 155·0 | 56·9 | 77·5 | 2·3 | Calm | W | SSE | Calm | 43·8 |
| 17 | ·737 | ·781 | ·678 | ·686 | ·720 | 78·7 | 98·2 | 105·2 | 87·2 | 92·3 | 105·1 | 76·4 | 28·7 | 10·2 | 165·5 | 60·4 | 70·1 | 6·3 | Calm | NW | N | Calm | 55·5 |
| 18 | ·681 | ·748 | ·654 | ·681 | ·691 | 83·7 | 103·4 | 109·2 | 91·2 | 96·9 | 110·1 | 79·8 | 30·3 | 11·6 | 171·0 | 60·9 | 73·1 | 6·7 | Calm | W | W | Calm | 77·1 |
| 19 | ·675 | ·746 | ·676 | ·738 | ·709 | 89·0 | 102·2 | 93·4 | 92·2 | 94·2 | 109·1 | 84·8 | 24·3 | 5·4 | 164·0 | 54·9 | 78·5 | 6·3 | Calm | SE | SE | Calm | 69·6 |
| 20 | ·753 | ·825 | ·695 | ·848 | ·780 | 84·0 | 94·7 | 100·2 | 73·1 | 88·0 | 100·9 | 81·8 | 19·1 | 0 | 142·0 | 41·1 | 77·5 | 4·3 | E | SE | ESE | E | 136·3 |
| 21 | ·839 | ·917 | ·837 | ·878 | ·868 | 72·1 | 69·1 | 77·0 | 74·6 | 73·2 | 78·6 | 67·5 | 11·1 | 0·7 | 121·0 | 42·4 | 66·6 | 0·9 | Calm | E | NE | Calm | 191·6 |
| 22 | ·864 | ·928 | ·863 | ·912 | ·892 | 73·1 | 83·7 | 90·2 | 80·2 | 81·8 | 90·1 | 72·4 | 17·7 | 8·0 | 154·0 | 63·9 | 68·6 | 3·8 | Calm | S | SSW | Calm | 20·1 |
| 23 | ·890 | ·930 | ·841 | ·874 | ·884 | 75·6 | 90·2 | 97·2 | 83·2 | 86·5 | 97·4 | 74·4 | 23·0 | 12·3 | 158·0 | 60·6 | 69·6 | 4·8 | Calm | Calm | W | Calm | 34·5 |
| 24 | ·888 | ·951 | ·835 | ·927 | ·900 | 80·2 | 95·2 | 102·2 | 84·7 | 90·6 | 102·6 | 77·9 | 24·7 | 11·3 | 163·0 | 60·4 | 72·6 | 5·3 | W | N | Calm | W | 51·3 |
| 25 | ·881 | ·931 | ·845 | ·861 | ·879 | 83·7 | 88·2 | 101·2 | 85·2 | 89·6 | 101·1 | 77·7 | 23·4 | 10·3 | 161·2 | 60·1 | 74·6 | 3·1 | N | SW | W | Calm | 133·4 |
| 26 | ·854 | ·894 | ·790 | ·805 | ·836 | 78·7 | 97·2 | 104·2 | 88·2 | 92·1 | 104·7 | 75·9 | 28·8 | 11·3 | 166·0 | 61·3 | 68·8 | 7·1 | Calm | NE | NW | Calm | 25·8 |
| 27 | ·789 | ·835 | ·734 | ·728 | ·771 | 80·2 | 101·0 | 108·8 | 93·2 | 95·8 | 109·3 | 78·9 | 30·4 | 11·8 | 168·0 | 58·7 | 73·6 | 5·3 | Calm | SW | W | Calm | 51·3 |
| 28 | ·735 | ·821 | ·713 | ·686 | ·739 | 85·7 | 101·2 | 110·7 | 98·8 | 99·1 | 112·1 | 81·3 | 30·8 | 9·9 | 168·5 | 56·4 | 74·6 | 6·7 | Calm | W | S | W | 51·6 |
| 29 | ·718 | ·812 | ·731 | ·751 | ·753 | 88·0 | 101·2 | 109·2 | 98·2 | 99·1 | 110·1 | 86·8 | 23·3 | 6·2 | 167·0 | 56·9 | 80·0 | 6·8 | SW | W | SW | SW | 94·5 |
| 30 | ·753 | ·802 | ·686 | ·731 | ·743 | 88·2 | 98·7 | 108·2 | 98·2 | 98·3 | 108·6 | 88·4 | 20·2 | 6·8 | 163·0 | 54·4 | 83·5 | 4·9 | E | W | W | W | 48·7 |
| Mean | 28·786 | 28·845 | 28·743 | 28·783 | 28·789 | 81·6 | 95·4 | 101·5 | 87·7 | 91·6 | 103·9 | 79·0 | 24·9 | Total 173·1 | 160·3 | 56·4 | 73·5 | 5·5 | ... | ... | ... | ... | 86·2 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 72·0 | 78·3 | 77·3 | 71·2 | 74·7 | 67·7 | ·581 | ·636 | ·587 | ·496 | ·575 | ·425 | 45 | 30 | 27 | 34 | 34 | 34 | ... | 0 | 0 | 8 | 0 | ∞ | Pc. Pk. ∞ | *b.* |
| 2 | 69·7 | 74·2 | 76·3 | 70·2 | 72·6 | 67·4 | ·526 | ·483 | ·463 | ·451 | ·481 | ·316 | 44 | 24 | 18 | 30 | 30 | 37 | ... | 6 | 7 | 6 | 10 | Pk. *c.* | Pc. ∞ | Pc. ∞ |
| 3 | 69·2 | 77·8 | 71·7 | 65·2 | 71·0 | 65·0 | ·487 | ·705 | ·500 | ·484 | ·544 | ·359 | 39 | 41 | 33 | 54 | 42 | 30 | ... | 10 | 10 | 10 | 6 | Pc. *o.* ∞ | Pc. *o.* | Pc. Pk. *d.* |
| 4 | 65·7 | 70·2 | 73·0 | 72·2 | 70·3 | 63·2 | ·528 | ·498 | ·487 | ·589 | ·526 | ·476 | 63 | 37 | 28 | 45 | 43 | 64 | 0·15 | 0 | 8 | 8 | 8 | *b.* | Pc. ∞ | Pc. ∞ |
| 5 | 71·8 | 72·7 | 73·2 | 72·2 | 72·5 | 70·4 | ·661 | ·502 | ·421 | ·498 | ·521 | ·631 | 62 | 30 | 20 | 31 | 36 | 63 | ... | 10 | 9 | 5 | 10 | Pc. *o.* ∞ | Pc. *o.* ∞ | Pk. *o.* ∞ |
| 6 | 67·7 | 70·7 | 71·2 | 69·2 | 69·7 | 64·7 | ·518 | ·476 | ·334 | ·500 | ·457 | ·496 | 51 | 33 | 16 | 41 | 35 | 61 | 0·03 | 10 | 9 | 5 | 0 | Pc. *o. r.* | Pc. ∞ | ∞ |
| 7 | 64·8 | 70·2 | 69·2 | 65·7 | 67·5 | 63·2 | ·483 | ·363 | ·205 | ·266 | ·329 | ·453 | 56 | 20 | 8 | 17 | 25 | 56 | ... | 0 | 0 | 0 | 3 | *b.* | *b.* | Ck. *c.* |
| 8 | 62·2 | 71·2 | 71·2 | 69·2 | 68·5 | 60·5 | ·277 | ·375 | ·267 | ·460 | ·345 | ·323 | 24 | 19 | 11 | 34 | 22 | 35 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 9 | 64·7 | 72·8 | 74·2 | 71·2 | 70·7 | 65·5 | ·392 | ·431 | ·350 | ·489 | ·415 | ·450 | 37 | 22 | 13 | 33 | 26 | 46 | ... | 0 | 0 | 6 | 0 | *b.* ∞ | Pc. *b. c.* | *b.* ∞ |
| 10 | 72·2 | 75·0 | 71·2 | 72·2 | 72·7 | 65·9 | ·616 | ·448 | ·402 | ·603 | ·517 | ·419 | 51 | 19 | 22 | 48 | 35 | 36 | 0·28 | 0 | 5 | 10 | 10 | ∞ | Pc. *r.* | Pc. |
| 11 | 72·2 | 75·2 | 74·7 | 73·2 | 73·8 | 67·9 | ·670 | ·619 | ·429 | ·616 | ·584 | ·537 | 62 | 38 | 18 | 46 | 41 | 54 | ... | 8 | 8 | 0 | 0 | Pc. ∞ | Pc. ∞ | ∞ |
| 12 | 72·2 | 73·7 | 74·2 | 69·2 | 72·3 | 69·4 | ·556 | ·502 | ·456 | ·532 | ·512 | ·506 | 39 | 28 | 21 | 47 | 34 | 41 | ... | 8 | 6 | 8 | 5 | Pc. ∞ | Pc. ∞ | Pc. |
| 13 | 71·2 | 72·2 | 75·2 | 72·2 | 72·7 | 67·9 | ·635 | ·529 | ·559 | ·609 | ·583 | ·537 | 60 | 35 | 30 | 49 | 44 | 54 | ... | 10 | 8 | 8 | 0 | Pc. *g.* | Pc. ∞ | *b.* |
| 14 | 68·2 | 73·2 | 73·9 | 72·0 | 71·8 | 68·9 | ·503 | ·556 | ·564 | ·656 | ·570 | ·547 | 45 | 36 | 35 | 61 | 44 | 52 | 0·01 | 5 | 3 | 6 | 0 | Pc. ∞ | Pc. | *b.* |
| 15 | 68·2 | 74·2 | 76·8 | 72·0 | 72·8 | 66·9 | ·598 | ·612 | ·653 | ·619 | ·620 | ·581 | 68 | 41 | 38 | 52 | 50 | 72 | ... | 0 | 10 | 8 | 10 | *b.* | Pc. *o.* ∞ | Pc. *g.* |
| 16 | 71·2 | 73·2 | 75·2 | 71·0 | 72·6 | 69·9 | ·631 | ·617 | ·578 | ·555 | ·595 | ·599 | 59 | 46 | 33 | 45 | 46 | 58 | ... | 10 | 10 | 8 | 6 | Pc. *o.* | Pc. *o.* ∞ | Pc. *c.* |
| 17 | 68·5 | 74·2 | 74·2 | 72·2 | 72·3 | 67·9 | ·561 | ·523 | ·429 | ·589 | ·525 | ·570 | 57 | 29 | 19 | 45 | 37 | 62 | ... | 0 | 2 | 2 | 0 | *b.* | Cs. ∞ | *b.* |
| 18 | 70·7 | 75·7 | 74·2 | 73·2 | 73·5 | 69·9 | ·577 | ·515 | ·375 | ·576 | ·511 | ·599 | 50 | 24 | 15 | 39 | 32 | 58 | ... | 0 | 0 | 2 | 0 | *b.* | Cs. *b.* | *b.* |
| 19 | 72·0 | 76·3 | 76·3 | 72·4 | 74·2 | 71·6 | ·557 | ·557 | ·679 | ·530 | ·581 | ·598 | 41 | 27 | 43 | 35 | 37 | 50 | ... | 4 | 3 | 10 | 10 | Ck. *c.* | Cs. Pc. | Pc. *o.* |
| 20 | 72·2 | 75·2 | 78·3 | 69·2 | 73·7 | 71·3 | ·633 | ·612 | ·673 | ·662 | ·645 | ·627 | 54 | 37 | 24 | 81 | 49 | 58 | 0·78 | 10 | 5 | 8 | 8 | Pc. *o.* | Pc. ∞ | Pc. *r.* |
| 21 | 69·8 | 66·7 | 72·2 | 73·2 | 70·5 | 66·3 | ·699 | ·624 | ·727 | ·800 | ·712 | ·631 | 88 | 87 | 78 | 93 | 86 | 94 | 1·16 | 10 | 10 | 10 | 8 | Pc. *o. r.* | Pc. *o.* | Pc. *c.* |
| 22 | 72·2 | 74·7 | 76·8 | 77·3 | 75·3 | 71·8 | ·777 | ·740 | ·741 | ·897 | ·789 | ·773 | 95 | 64 | 51 | 87 | 74 | 98 | ... | 10 | 8 | 5 | 0 | Pc. *o.* | Pc. Cs. *g.* | *b.* |
| 23 | 74·2 | 76·3 | 77·3 | 75·2 | 75·8 | 71·6 | ·828 | ·720 | ·668 | ·768 | ·746 | ·738 | 93 | 50 | 38 | 67 | 62 | 87 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 73·2 | 75·2 | 75·2 | 69·7 | 73·3 | 72·6 | ·725 | ·605 | ·511 | ·526 | ·592 | ·731 | 70 | 36 | 24 | 44 | 44 | 75 | ... | 0 | 0 | 0 | 10 | *b.* | *b.* | |
| 25 | 68·7 | 72·2 | 76·3 | 71·2 | 72·1 | 68·4 | ·502 | ·576 | ·571 | ·577 | ·556 | ·571 | 44 | 43 | 28 | 47 | 40 | 60 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* | *b.* |
| 26 | 68·2 | 76·8 | 77·1 | 77·3 | 74·9 | 67·9 | ·550 | ·647 | ·566 | ·791 | ·639 | ·577 | 56 | 37 | 26 | 59 | 45 | 64 | ... | 0 | 0 | 0 | 0 | *b.* | ∞ | ∞ |
| 27 | 72·2 | 77·3 | 77·9 | 74·2 | 75·4 | 70·3 | ·684 | ·617 | ·538 | ·591 | ·607 | ·627 | 66 | 31 | 21 | 38 | 39 | 63 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 72·2 | 77·3 | 77·3 | 74·2 | 75·3 | 71·1 | ·609 | ·615 | ·486 | ·515 | ·556 | ·626 | 49 | 30 | 18 | 28 | 31 | 59 | ... | 0 | 0 | 0 | 0 | ∞ | *b.* | ∞ |
| 29 | 73·2 | 79·3 | 77·3 | 74·2 | 76·0 | 71·4 | ·619 | ·705 | ·506 | ·523 | ·588 | ·563 | 46 | 35 | 20 | 29 | 32 | 44 | ... | 0 | 0 | 0 | 0 | ∞ | ∞ | ∞ |
| 30 | 73·2 | 77·8 | 78·3 | 75·7 | 76·3 | 71·3 | ·617 | ·671 | ·565 | ·586 | ·610 | ·538 | 46 | 36 | 23 | 32 | 34 | 40 | ... | 2 | 2 | 0 | 0 | Ck. ∞ | ∞ | ∞ |
| Mean. | 70·1 | 74·3 | 74·9 | 71·9 | 72·8 | 68·3 | ·587 | ·569 | ·510 | ·578 | ·561 | ·547 | 55 | 35 | 27 | 46 | 41 | 57 | Total 2·41 | 3·77 | 4·10 | 4·43 | 3·47 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·639 | 28·488 | 98·8 | 108·2 | 111·0 | 90·6 | 20·4 | 166·6 | 55·6 | 82·3 | 8·3 | W | NW | NW | WSW | 297 |
| 2 | ·617 | ·496 | 100·1 | 107·0 | 110·0 | 83·9 | 26·1 | 162·3 | 52·3 | 70·7 | 13·2 | N | NNW | NW | N | 341 |
| 3 | ·673 | ·524 | 99·2 | 104·6 | 109·6 | 84·9 | 24·7 | 163·7 | 54·1 | 73·4 | 11·5 | NNW | NNW | NW | NW | 273 |
| 4 | ·668 | ·550 | 98·2 | 89·0 | 105·8 | 81·8 | 24·0 | 165·3 | 59·5 | 71·2 | 10·6 | W | NW | SE | SW | 210 |
| 5 | ·623 | ·472 | 96·2 | 100·2 | 102·7 | 83·9 | 18·8 | 168·9 | 66·2 | 77·5 | 6·4 | WSW | WNW | NNE | WSW | 332 |
| 6 | ·575 | ·419 | 92·0 | 101·4 | 103·6 | 81·6 | 22·0 | 155·0 | 51·4 | 77·9 | 3·7 | W | WNW | SSW | SW | 290 |
| 7 | ·564 | ·408 | 93·0 | 100·0 | 103·2 | 82·3 | 20·9 | 162·4 | 59·2 | 80·4 | 1·9 | WSW | SW | SSW | S | 305 |
| 8 | ·611 | ·484 | 88·9 | 100·4 | 102·4 | 79·1 | 23·3 | 160·9 | 58·5 | 71·7 | 7·4 | WNW | SW | SSW | SSW | 238 |
| 9 | ·670 | ·508 | 93·0 | 101·8 | 104·0 | 80·6 | 23·4 | 163·4 | 59·4 | 75·5 | 5·1 | NW | W | W | SW | 282 |
| 10 | ·643 | ·481 | 87·2 | 96·7 | 101·4 | 75·9 | 25·5 | 152·9 | 51·5 | 73·1 | 2·8 | W | NNW | WSW | NNE | 300 |
| 11 | ·607 | ·456 | 85·2 | 88·4 | 100·0 | 75·6 | 24·4 | 159·4 | 59·4 | 71·7 | 3·9 | WNW | NNW | NE | NW | 329 |
| 12 | ·554 | ·436 | 78·9 | 88·1 | 88·9 | 70·1 | 18·8 | 130·5 | 41·6 | 68·1 | 2·0 | WSW | NW | WNW | NNW | 367 |
| 13 | ·489 | ·368 | 84·5 | 89·2 | 90·9 | 74·1 | 16·8 | 130·4 | 39·5 | 70·7 | 3·4 | NNW | N | NNW | SSW | 473 |
| 14 | ·469 | ·424 | 74·7 | 76·7 | 77·2 | 73·9 | 3·3 | 88·9 | 11·7 | 71·7 | 2·2 | NNW | NW | WNW | ? | 213* |
| 15 | ·586 | ·500 | 82·2 | 88·8 | 91·0 | 72·6 | 18·4 | 147·1 | 56·1 | 70·6 | 2·0 | ? | WSW | SSE | SSW | 149† |
| 16 | ·622 | ·484 | 82·1 | 89·1 | 93·1 | 76·0 | 17·1 | 146·1 | 53·0 | 73·2 | 2·8 | SSW | SSW | SSW | SSE | 371 |
| 17 | ·584 | ·459 | 85·0 | 92·6 | 94·0 | 75·3 | 18·7 | 148·9 | 54·9 | 71·7 | 3·6 | S | SW | WSW | WSW | 359 |
| 18 | ·576 | ·484 | 86·2 | 84·4 | 91·2 | 76·0 | 15·2 | 147·2 | 56·0 | 68·9 | 7·1 | WSW | WNW | NNW | WNW | 256 |
| 19 | ·617 | ·482 | 82·2 | 92·7 | 95·2 | 76·1 | 19·1 | 158·0 | 62·8 | 74·1 | 2·0 | W | WNW | WSW | SSW | 309 |
| 20 | ·629 | ·530 | 83·9 | 77·2 | 90·4 | 72·3 | 18·1 | 149·2 | 58·8 | 70·1 | 2·2 | SW | WNW | WSW | SSW | 253 |
| 21 | ·648 | ·546 | 77·0 | 87·7 | 88·4 | 70·7 | 17·7 | 138·9 | 50·5 | 69·0 | 1·7 | NE | SSW | NW | SSW | 182 |
| 22 | ·663 | ·573 | 85·1 | 84·7 | 90·5 | 76·0 | 14·5 | 148·8 | 58·3 | 71·7 | 4·3 | SE | NNW | W | NNW | 155 |
| 23 | ·684 | ·601 | 84·1 | 81·2 | 93·2 | 77·5 | 15·7 | 153·4 | 60·2 | 73·7 | 3·8 | SW | WNW | W | SSE | 148 |
| 24 | ·695 | ·630 | 81·0 | 76·7 | 86·2 | 74·1 | 12·1 | 146·4 | 60·2 | 71·2 | 2·9 | SW | W | N | NNW | 174 |
| 25 | ·701 | ·552 | 81·3 | 81·2 | 92·6 | 74·3 | 18·3 | 149·7 | 57·1 | 71·2 | 3·1 | WNW | NW | WNW | SSW | 131 |
| 26 | ·667 | ·582 | 86·1 | 77·5 | 91·2 | 76·2 | 15·0 | 147·9 | 56·7 | 72·2 | 4·0 | SSE | NNW | SSE | NNW | 100 |
| 27 | ·664 | ·537 | 84·0 | 91·0 | 92·1 | 75·1 | 17·3 | 157·9 | 65·8 | 71·0 | 4·1 | W | W | SSW | NW | 170 |
| 28 | ·645 | ·570 | 89·2 | 77·1 | 96·4 | 77·0 | 19·4 | 157·7 | 61·3 | 72·2 | 4·8 | SSW | WSW | W | SSW | 158 |
| 29 | ·668 | ·564 | 81·1 | 85·3 | 89·2 | 74·9 | 14·3 | 148·0 | 58·8 | 71·7 | 3·2 | NNW | SSW | E | SSW | 97 |
| 30 | ·638 | ·542 | 84·2 | 82·2 | 93·3 | 75·4 | 17·9 | 154·9 | 61·6 | 69·6 | 5·8 | Calm | W | SSE | WSW | 105 |
| Mean | 28·623 | 28·505 | 86·8 | 90·0 | 96·0 | 77·3 | 18·7 | 151·0 | 55·0 | 72·6 | 4·7 | ... | ... | ... | ... | 255·8‡ |

* Total movement of 10 hours. ‡ Mean of 28·8 days.
† " " 9 "

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 72·7 | 73·8 | 69·5 | ·473 | ·407 | ·459 | 26 | 16 | 32 | ... | 7 | 6 | C. *c.* | C. Pc. *c.* | C. Pc. *c.* |
| 2 | 75·9 | 71·9 | 65·8 | ·593 | ·346 | ·410 | 30 | 15 | 35 | ... | 1 | 2 | C. *b.* | C. *b.* | C. *b.* |
| 3 | 75·1 | 72·0 | 66·9 | ·567 | ·378 | ·438 | 30 | 17 | 36 | ... | 0 | 3 | *b.* | C. Pc. *c.* | C. Pc. *c.* |
| 4 | 75·3 | 74·9 | 63·8 | ·594 | ·693 | ·373 | 32 | 51 | 34 | 0·16 | 4 | 9 | C. Pc. K. *c.* | Pc. Pk. *c. t. d.* ≤ | Pc. Pk. *c. t. d.* |
| 5 | 74·8 | 72·4 | 71·7 | ·599 | ·451 | ·626 | 35 | 23 | 53 | ... | 9 | 9 | C. Pc. *c.* | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 6 | 77·4 | 77·5 | 71·8 | ·761 | ·641 | ·658 | 50 | 32 | 61 | ... | 3 | 3 | C. *c.* | C. Pc. K. *c.* | C.Pc.K.*c.* |
| 7 | 76·3 | 77·1 | 72·7 | ·697 | ·639 | ·681 | 45 | 33 | 62 | ... | 3 | 6 | C. K. *c.* | Pc. K. *c.* | C.Pc.K.*c.* |
| 8 | 78·4 | 79·3 | 73·2 | ·844 | ·743 | ·738 | 61 | 38 | 74 | 0·06 | 6 | 6 | C. Pc. K. *c.* | Pc. K. *c. t.* | C.Pc.K.*c.t* |
| 9 | 78·4 | 79·4 | 73·9 | ·793 | ·724 | ·756 | 51 | 36 | 72 | ... | 4 | 8 | C. Kc. *c.* | Pc. K. Pk. *c. t.* ≤ | Pc.K.Pk. *t. o.* ≤ |
| 10 | 76·1 | 79·9 | 72·5 | ·760 | ·813 | ·755 | 59 | 46 | 84 | 0·28 | 8 | 4 | C. Pc. *c.* | C. Pc. K. *c.* | C. Pc. Pk.*c t.* ≤ / |
| 11 | 76·4 | 75·9 | 71·7 | ·804 | ·741 | ·723 | 66 | 55 | 82 | 0·18 | 7 | 10 | C. Pc. *c.* | P. Pk. *o. t.* ≤ | P. Pk. *o. t.* ≤ / |
| 12 | 74·7 | 78·2 | 68·9 | ·802 | ·834 | ·694 | 82 | 63 | 94 | 1·24 | 10 | 10 | P. Pk. *o.* | Pc. *o* | Pc.Pk.*o.t.* ≤ |
| 13 | 77·0 | 78·1 | 70·7 | ·835 | ·821 | ·704 | 70 | 60 | 84 | 0·22 | 10 | 10 | P. *o* / | Pc. Pk. *o.* / | Pc. Pk. *o. t.* ≤ / |
| 14 | 73·4 | 75·9 | 72·4 | ·811 | ·889 | ·780 | 94 | 96 | 93 | 2·76 | 10 | 10 | P. *o. r.* | P. *o. r.* | P. *o.* |
| 15 | 77·2 | 76·7 | 71·0 | ·872 | ·763 | ·741 | 79 | 57 | 93 | 0·45 | 10 | 9 | Pc. K. Pk. *o.* | C. Pc. K. *c.* | C.Pc.K. *c.* |
| 16 | 74·9 | 76·9 | 72·7 | ·778 | ·774 | ·759 | 70 | 56 | 85 | ... | 9 | 8 | K. Pk. *c.* | K. Fk. Pk. *c.* | Pc.K.Pk.*c.* |
| 17 | 75·3 | 76·9 | 72·5 | ·762 | ·730 | ·765 | 63 | 47 | 87 | ... | 8 | 7 | K. Pk. Fk. *c.* | Pc. Pk. *c.* | Pc.K.Pk.*c.* |
| 18 | 76·6 | 77·4 | 71·8 | ·794 | ·856 | ·733 | 64 | 72 | 81 | ... | 10 | 10 | K. Pk. *o.* | K. Pk. *o.* | C.Pc.Pk.*g.* |
| 19 | 76·1 | 78·1 | 73·9 | ·823 | ·777 | ·813 | 75 | 51 | 90 | 0·08 | 10 | 9 | P. Pc. *o.* | C. Pc. Pk. *c.* | Pc. Pk. *o.* |
| 20 | 78·4 | 75·2 | 71·1 | ·907 | ·844 | ·744 | 78 | 91 | 94 | 0·97 | 9 | 10 | C. Pc. K. *c.* | Pc. Pk. *o. d.* | P. Pk. *o.* |
| 21 | 75·7 | 77·6 | 69·7 | ·869 | ·818 | ·710 | 94 | 62 | 95 | 0·69 | 10 | 7 | P. *o.* | C. Pc. Pk. *c.* | C.Pc.Pk.*c.* |
| 22 | 76·6 | 78·7 | 73·7 | ·807 | ·901 | ·799 | 67 | 76 | 90 | 0·43 | 4 | 8 | C. Pc. K. *c.* | C.Pc. *c t.* ≤ | C. Pc. *c.* |
| 23 | 76·5 | 75·9 | 75·6 | ·819 | ·833 | ·859 | 70 | 78 | 91 | ... | 9 | 10 | Pc. K. *g.* | P. *o. t. d.* | P. *o. d.* |
| 24 | 77·9 | 74·2 | 71·7 | ·923 | ·810 | ·742 | 87 | 89 | 88 | 1·01 | 9 | 10 | C. Pc. K. *c.* | P. Pk. *o. d.* | Pc.Pk. *g. d.* |
| 25 | 76·6 | 77·4 | 72·1 | ·854 | ·894 | ·758 | 80 | 84 | 89 | 0·02 | 8 | 7 | Pc. K. Fk. *c.* | C. Pc. K. *c.* | Pc.K. Pk. *o. t.* |
| 26 | 77·2 | 73·9 | 74·8 | ·816 | ·797 | ·851 | 65 | 84 | 93 | 0·34 | 8 | 10 | C. Pc. K. *c.* | P. Pk. *o. t.* | Pc. K. Pk. *g. t.* |
| 27 | 77·9 | 77·7 | 72·7 | ·885 | ·778 | ·769 | 76 | 54 | 88 | ... | 8 | 9 | K. Fk. Pk. *c.* | C. Pc. Pk. *c. t.* | C. Pc. Pk. *t. o.* |
| 28 | 79·9 | 74·9 | 73·2 | ·908 | ·841 | ·766 | 66 | 90 | 83 | 0·57 | 7 | 10 | C. K. *c.* | P. *o. t. d.* | P. *o. t. d.* |
| 29 | 76·3 | 77·0 | 72·7 | ·854 | ·825 | ·772 | 80 | 68 | 89 | 0·17 | 8 | 7 | C. Pc. Pk. *c.* | C.Pc.K.Pk. *c.* | C. Pc. K. Pk. *c.* |
| 30 | 76·5 | 74·8 | 74·2 | ·816 | ·775 | ·825 | 69 | 70 | 94 | 0·36 | 8 | 9 | K.Fk.Pk.*c.* ≡ | P. Pk. *c.* | P.Pk.*g.r.t.* |
| Mean. | 76·4 | 76·3 | 71·6 | ·781 | ·734 | ·707 | 64 | 57 | 78 | Total 9·99 | 7·23 | 7·87 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·774 | 29·783 | 29·688 | 29·739 | 29·739 | 82·6 | 85·7 | 87·5 | 83·8 | 85·5 | 90·5 | 81·0 | 9·5 | | 149·9 | 59·4 | 76·3 | 4·7 | SSW | WNW | W | WSW | 184 |
| 2 | ·735 | ·778 | ·671 | ·731 | ·725 | 82·7 | 85·7 | 87·4 | 83·4 | 85·2 | 89·3 | 81·3 | 8·0 | | 144·9 | 55·6 | 78·2 | 3·1 | WSW | WNW | W | SW | 218 |
| 3 | ·745 | ·773 | ·669 | ·734 | ·728 | 82·6 | 87·7 | 89·0 | 84·3 | 86·6 | 90·8 | 82·2 | 8·6 | | 146·4 | 55·6 | 78·1 | 4·1 | SW | WSW | W | SW | 210 |
| 4 | ·711 | ·737 | ·635 | ·689 | ·682 | 82·6 | 87·4 | 88·7 | 84·9 | 86·6 | 91·2 | 82·0 | 9·2 | | 148·0 | 56·8 | 76·9 | 5·1 | WSW | WNW | W | W | 172 |
| 5 | ·642 | ·658 | ·557 | ·624 | ·610 | 81·5 | 86·6 | 82·3 | 77·4 | 82·6 | 89·3 | 80·4 | 8·9 | | 152·4 | 63·1 | 78·0 | 2·4 | SSE | SSW | WSW | NNW | 218 |
| 6 | ·558 | ·584 | ·456 | ·530 | ·524 | 78·8 | 82·5 | 81·3 | 76·0 | 80·5 | 85·2 | 76·0 | 9·2 | | 140·0 | 54·8 | 74·5 | 1·5 | E | E | WSW | WNW | 202 |
| 7 | ·473 | ·516 | ·408 | ·470 | ·463 | 76·9 | 78·4 | 81·7 | 79·5 | 79·4 | 82·8 | 75·6 | 7·2 | | 121·0 | 38·2 | 74·1 | 1·5 | ESE | ESE | SE | SE | 129* |
| 8 | ·466 | ·516 | ·476 | ·578 | ·503 | 78·5 | 84·4 | 83·4 | 79·1 | 82·1 | 85·5 | 77·9 | 7·6 | | 140·9 | 55·4 | 75·1 | 2·8 | SE | SE | SSE | SE | 386* |
| 9 | ·602 | ·649 | ·605 | ·690 | ·632 | 78·4 | 82·4 | 83·6 | 79·5 | 81·6 | 84·6 | 76·8 | 7·8 | | 131·0 | 46·4 | 74·3 | 2·5 | SE | SE | S | S | 724 |
| 10 | ·678 | ·691 | 672 | ·698 | ·684 | 77·7 | 77·7 | 76·9 | 78·4 | 77·9 | 81·0 | 75·0 | 6·0 | | 124·1 | 43·1 | 73·8 | 1·2 | SE | S | S | S | 541 |
| 11 | ·684 | ·760 | ·645 | ·718 | ·696 | 78·6 | 74·4 | 78·3 | 76·5 | 77·1 | 80·3 | 73·9 | 6·4 | | 110·8 | 30·5 | 70·7 | 3·2 | SSE | NNW | SSE | W | 325 |
| 12 | ·658 | ·712 | ·647 | ·684 | ·672 | 79·3 | 82·3 | 82·9 | 81·4 | 81·9 | 85·8 | 73·9 | 11·9 | | 141·9 | 56·1 | 72·9 | 1·0 | SW | W | W | W | 309 |
| 13 | ·675 | ·700 | ·612 | ·669 | ·659 | 80·7 | 83·7 | 82·8 | 79·5 | 82·1 | 86·2 | 78·4 | 7·8 | | 146·0 | 59·8 | 75·4 | 3·0 | W | W | W | W | 335 |
| 14 | ·614 | ·633 | ·541 | ·635 | ·596 | 77·5 | 79·3 | 80·5 | 76·5 | 78·8 | 83·2 | 76·4 | 6·8 | | 143·9 | 60·7 | 75·0 | 1·4 | WSW | WSW | WSW | W | 354 |
| 15 | ·569 | ·620 | ·583 | ·626 | ·598 | 76·6 | 76·9 | 76·7 | 79·4 | 77·6 | 79·7 | 74·8 | 4·9 | | 95·3 | 15·6 | 73·7 | 1·1 | SW | WSW | WSW | WSW | 533 |
| 16 | ·575 | ·615 | ·564 | ·623 | ·593 | 78·8 | 80·7 | 81·0 | 80·2 | 80·2 | 81·3 | 75·7 | 5·6 | | 102·0 | 20·7 | 74·1 | 1·6 | WSW | WSW | WSW | W | 604 |
| 17 | ·630 | ·677 | ·608 | ·661 | ·640 | 80·5 | 83·1 | 83·9 | 80·8 | 82·4 | 85·2 | 76·0 | 9·2 | | 139·0 | 53·8 | 75·6 | 0·4 | WSW | WSW | WSW | W | 580 |
| 18 | ·630 | ·685 | ·632 | ·697 | ·659 | 80·6 | 83·2 | 83·4 | 80·7 | 82·4 | 85·3 | 79·2 | 6·1 | | 140·4 | 55·1 | 75·5 | 3·7 | WSW | WSW | WSW | SW | 419 |
| 19 | ·673 | ·704 | ·647 | ·704 | ·679 | 80·4 | 83·3 | 84·5 | 81·1 | 82·7 | 86·0 | 78·0 | 8·0 | | 136·8 | 50·8 | 75·0 | 3·0 | WSW | WSW | WSW | WSW | 389 |
| 20 | ·675 | ·720 | ·647 | ·703 | ·683 | 80·3 | 83·3 | 84·3 | 80·8 | 82·7 | 87·2 | 79·0 | 8·2 | | 145·0 | 57·8 | 75·1 | 3·9 | W | W | WSW | WSW | 414 |
| 21 | ·660 | ·705 | ·652 | ·719 | ·681 | 79·7 | 83·3 | 83·4 | 81·1 | 82·4 | 85·6 | 78·9 | 6·7 | | 138·6 | 53·0 | 75·4 | 3·5 | WSW | WSW | WSW | WSW | 422 |
| 22 | ·681 | ·733 | ·696 | ·770 | ·717 | 80·4 | 84·3 | 84·5 | 81·3 | 83·0 | 86·7 | 79·2 | 7·5 | | 144·1 | 57·4 | 75·3 | 3·9 | W | WSW | W | WSW | 348 |
| 23 | ·729 | ·769 | ·705 | ·780 | ·746 | 80·3 | 84·4 | 84·3 | 81·2 | 83·0 | 87·1 | 79·0 | 8·1 | | 144·2 | 57·1 | 75·2 | 3·8 | WSW | WSW | SW | W | 270 |
| 24 | ·757 | ·783 | ·710 | ·773 | ·755 | 77·6 | 82·1 | 77·9 | 77·8 | 78·4 | 83·0 | 77·0 | 6·0 | | 98·0 | 15·0 | 74·3 | 2·7 | W | NW | NNW | NNW | 245 |
| 25 | ·740 | ·788 | ·686 | ·758 | ·739 | 80·4 | 77·2 | 80·5 | 80·0 | 78·9 | 81·2 | 75·9 | 5·3 | | 107·1 | 25·9 | 75·0 | 0·9 | W | ENE | WNW | WNW | 337 |
| 26 | ·709 | ·754 | ·676 | ·732 | ·716 | 80·4 | 80·5 | 77·3 | 79·5 | 79·3 | 81·9 | 75·8 | 6·1 | | 104·8 | 22·9 | 75·0 | 0·8 | W | W | WNW | W | 311 |
| 27 | ·706 | ·738 | ·667 | ·720 | ·702 | 79·2 | 82·6 | 83·7 | 79·7 | 81·7 | 85·1 | 75·9 | 9·2 | | 147·1 | 62·0 | 74·5 | 1·4 | SW | WSW | W | W | 291 |
| 28 | ·707 | ·741 | ·658 | ·731 | ·703 | 79·7 | 82·6 | 84·3 | 78·4 | 82·0 | 85·7 | 77·8 | 7·9 | | 144·8 | 59·1 | 74·3 | 3·5 | W | W | WNW | WNW | 304 |
| 29 | ·704 | ·745 | ·672 | ·710 | ·706 | 79·9 | 77·4 | 82·0 | 80·6 | 80·0 | 83·3 | 77·8 | 5·5 | | 108·2 | 24·9 | 74·5 | 3·3 | W | N | W | W | 249 |
| 30 | ·668 | ·707 | ·637 | ·698 | ·673 | 78·7 | 78·8 | 83·4 | 80·7 | 81·0 | 84·7 | 76·5 | 8·2 | | 135·0 | 50 3 | 74·4 | 2·1 | W | NE | W | WSW | 223 |
| Mean | 29·661 | 29·699 | 29·624 | 29·686 | 29·663 | 79·7 | 82·1 | 82·7 | 80·1 | 81·5 | 85·2 | 77·6 | 7·6 | Not recorded. | 132·4 | 47·2 | 75·0 | 2·6 | ... | ... | ... | ... | 351·9† |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.
* Total miles of 12 hours.
† Mean of 29 days.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 77·7 | 78·6 | 78·7 | 78·5 | 78·5 | 75·9 | ·885 | ·884 | ·864 | ·905 | ·884 | ·827 | 79 | 72 | 66 | 78 | 73 | 78 | 0·05 | 9 | 2 | 4 | 6 | Pk. K. Ck. C. *r.* | K. Ck. C. *r.* | K. Ck. C. |
| 2 | 78·7 | 80·3 | 79·5 | 78·3 | 79·2 | 77·6 | ·928 | ·962 | ·902 | ·902 | ·924 | ·897 | 83 | 78 | 69 | 79 | 78 | 84 | 0·08 | 8 | 5 | 5 | 6 | Pk. K. Ck. C. *r.* | K. Ck. C. *r.* | K. Ck. C. |
| 3 | 78·4 | 79·9 | 80·6 | 79·3 | 79·7 | 77·7 | ·916 | ·917 | ·930 | ·935 | ·924 | ·889 | 82 | 70 | 68 | 79 | 74 | 81 | ... | 5 | 3 | 1 | 7 | K. Ck. C. | K. Ck. C. | K. Ck. C. |
| 4 | 78·5 | 79·3 | 79·8 | 79·3 | 79·5 | 77·1 | ·921 | ·893 | ·896 | ·927 | ·909 | ·866 | 83 | 69 | 66 | 77 | 74 | 79 | ·001 | 6 | 2 | 10 | 8 | Pk. K. C. *r.* | K. Ck. C. *o.* | K. Ck. C. |
| 5 | 77·2 | 79·8 | 78·8 | 76·0 | 78·2 | 76·1 | ·877 | ·926 | ·938 | ·880 | ·906 | ·845 | 82 | 73 | 85 | 93 | 83 | 81 | 4·58 | 9 | 7 | 10 | 10 | Pk. K. Ck. C. *t.* | Pk K. Ck. C. *t. r. o.* | Pk. *o. t. r.* |
| 6 | 76·8 | 77·7 | 78·3 | 74·5 | 77·1 | 74·8 | ·896 | ·888 | ·930 | ·835 | ·887 | ·847 | 91 | 80 | 87 | 93 | 88 | 94 | 1·99 | 10 | 10 | 10 | 10 | Pk. K. *r. o.* | Pk. K. Ck. *t. o.* | Pk. *t. o.* |
| 7 | 75·2 | 76·5 | 77·2 | 75·5 | 76·4 | 74·0 | ·852 | ·888 | ·874 | ·831 | ·861 | ·820 | 92 | 91 | 81 | 82 | 87 | 93 | 0·56 | 10 | 10 | 10 | 10 | Pk. *r. o.* | Pk. K. *r. o.* | K. Ck. C. *o.* |
| 8 | 74·8 | 77·6 | 77·5 | 75·5 | 76·9 | 73·8 | ·813 | ·855 | ·865 | ·836 | ·842 | ·780 | 83 | 73 | 75 | 85 | 79 | 82 | 0·01 | 10 | 9 | 8 | 10 | Pk. K. Ck. *o.* | Pk. K. Ck. C. *r. o.* | Pk. K. Ck. C. *o.* |
| 9 | 74·6 | 77·1 | 78·4 | 76·5 | 77·0 | 73·7 | ·807 | ·861 | ·903 | ·873 | ·861 | ·792 | 83 | 78 | 78 | 87 | 81 | 86 | 0·01 | 10 | 10 | 9 | 10 | Pk K. Ck. C. *o.* | Pk. K. Ck. C. *o.* | Pk. K. *r. o.* |
| 10 | 74·7 | 76·2 | 74·7 | 74·8 | 75·3 | 73·6 | ·821 | ·885 | ·831 | ·815 | ·838 | ·809 | 86 | 93 | 90 | 84 | 88 | 93 | 0·57 | 10 | 10 | 10 | 7 | Pk. K. Ck. C. *r. o.* | Pk. K. *r. o.* | K. Ck. |
| 11 | 76·3 | 73·2 | 76·2 | 74·6 | 75·3 | 71·6 | ·877 | ·802 | ·877 | ·833 | ·848 | ·745 | 90 | 94 | 91 | 91 | 92 | 89 | 2·72 | 10 | 10 | 10 | 10 | Pk. K. *r. o.* | Pk. K. Ck. *r. o.* | Pk. *r. o.* |
| 12 | 77·2 | 79·1 | 78·9 | 77·9 | 78·4 | 72·8 | ·907 | ·952 | ·935 | ·910 | ·926 | ·794 | 91 | 86 | 83 | 85 | 86 | 95 | 0·88 | 10 | 10 | 10 | 9 | Pk. *r. o.* | Pk. K. *r. o.* | Pk. K. *r.* |
| 13 | 77·5 | 78·8 | 78·3 | 76·7 | 77·9 | 75·5 | ·902 | ·918 | ·909 | ·882 | ·902 | ·845 | 86 | 79 | 81 | 88 | 84 | 87 | 0·15 | 10 | 8 | 6 | 8 | Pk. K. *r. o.* | Pk. K. Ck. C. *r. o.* | Pk. K. *r.* |
| 14 | 76·0 | 77·1 | 77·0 | 75·2 | 76·6 | 74·6 | ·879 | ·902 | ·882 | ·858 | ·881 | ·833 | 93 | 90 | 85 | 94 | 90 | 92 | 2·49 | 10 | 10 | 10 | 10 | Pk. *r. o.* | Pk. *r. o.* | Pk. *r. o.* |
| 15 | 75·5 | 75·8 | 75·0 | 76·8 | 75·9 | 73·5 | ·870 | ·879 | ·846 | ·888 | ·871 | ·810 | 95 | 94 | 92 | 89 | 93 | 94 | 3·72 | 10 | 10 | 10 | 10 | Pk. K. *r. o.* | Pk. *r. o.* | Pk. K. *r. o.* |
| 16 | 76·6 | 78·1 | 77·5 | 77·1 | 77·3 | 73·9 | ·887 | ·929 | ·898 | ·891 | ·901 | ·814 | 90 | 89 | 85 | 87 | 87 | 92 | 1·76 | 10 | 10 | 10 | 9 | Pk. K. *r. o.* | Pk. K. *r. o.* | Pk. K. *r.* |
| 17 | 76·7 | 78·9 | 78·7 | 77·2 | 78·1 | 74·5 | ·869 | ·932 | ·912 | ·887 | ·900 | ·834 | 84 | 82 | 78 | 85 | 83 | 93 | ... | 9 | 10 | 5 | 3 | Pk. K. *o.* | Pk. K. Ck. C. *o.* | Pk. K. |
| 18 | 76·8 | 78·2 | 78·6 | 77·3 | 78·0 | 75·4 | ·872 | ·899 | ·915 | ·892 | ·894 | ·830 | 84 | 79 | 80 | 85 | 82 | 83 | ... | 6 | 10 | 10 | 2 | Pk. K. Ck. C. | Pk. K. Ck. C. *o.* | K. Ck. C. |
| 19 | 76·5 | 78·3 | 78·5 | 77·0 | 77·8 | 74·0 | ·861 | ·903 | ·895 | ·874 | ·884 | ·787 | 83 | 79 | 76 | 83 | 80 | 82 | ... | 10 | 10 | 8 | 6 | Pk. K. Ck. C. *o.* | Pk. K. Ck. C. *o.* | K. Ck. C. |
| 20 | 76·1 | 77·9 | 78·1 | 76·5 | 77·4 | 75·7 | ·845 | ·883 | ·879 | ·856 | ·865 | ·845 | 81 | 77 | 75 | 82 | 79 | 86 | ... | 8 | 9 | 9 | 3 | Pk. K. Ck. C. | K. Ck. C. | K. Ck. |
| 21 | 76·7 | 78·2 | 77·9 | 76·9 | 77·7 | 74·8 | ·880 | ·898 | ·883 | ·869 | ·883 | ·809 | 87 | 79 | 77 | 82 | 81 | 82 | 0·01 | 10 | 9 | 10 | 8 | Pk. K. Ck. C. *r. o.* | K. Ck. *o.* | K. Ck. C. |
| 22 | 76·5 | 78·5 | 78·5 | 76·9 | 77·6 | 75·2 | ·861 | ·898 | ·895 | ·865 | ·880 | ·822 | 83 | 77 | 76 | 81 | 79 | 82 | ... | 8 | 6 | 7 | 4 | Pk. K. Ck. C. | K. Ck. C. | K. Ck. |
| 23 | 76·3 | 78·5 | 77·6 | 76·6 | 77·3 | 75·9 | ·854 | ·896 | ·857 | ·855 | ·865 | ·854 | 82 | 76 | 73 | 81 | 78 | 87 | 0·07 | 9 | 5 | 6 | 2 | Pk. K. Ck. C. *r.* | Pk. K. Ck. C. *o.* | Pk. K. Ck. *r.* |
| 24 | 74·3 | 76·5 | 76·0 | 76·2 | 75·6 | 74·0 | ·805 | ·839 | ·873 | ·884 | ·850 | ·801 | 85 | 77 | 91 | 93 | 87 | 86 | 1·88 | 9 | 10 | 10 | 10 | Pk. K. *r.* | Pk. K. *r. o.* | Pk. K. *r. o.* |
| 25 | 76·5 | 75·3 | 77·0 | 76·9 | 76·1 | 73·6 | ·861 | ·851 | ·882 | ·885 | ·870 | ·799 | 83 | 91 | 85 | 87 | 86 | 90 | 0·92 | 10 | 10 | 10 | 10 | Pk. K. *r. o.* | Pk. K. *r. o.* | Pk. K. *r. o.* |
| 26 | 76·5 | 77·3 | 75·5 | 76·6 | 76·5 | 73·8 | ·861 | ·895 | ·860 | ·877 | ·873 | ·808 | 83 | 86 | 92 | 87 | 87 | 91 | 0·49 | 10 | 10 | 10 | 5 | Pk. K. *o.* | Pk. K. *r. o.* | Pk. K. *r.* |
| 27 | 76·5 | 77·7 | 78·3 | 76·7 | 77·5 | 73·7 | ·877 | ·883 | ·897 | ·880 | ·885 | ·803 | 88 | 79 | 77 | 87 | 83 | 90 | ... | 7 | 9 | 4 | 3 | Pk. K. | Pk. K. Ck. | K. Ck. C. |
| 28 | 76·8 | 78·6 | 78·9 | 76·5 | 78·1 | 74·5 | ·883 | ·925 | ·915 | ·888 | ·902 | ·812 | 87 | 83 | 77 | 91 | 84 | 85 | 0·25 | 8 | 9 | 9 | 10 | Pk. K. Ck. C. *r.* | Pk. K. Ck. C. *r.* | Pk. *r. o.* |
| 29 | 76·5 | 74·9 | 77·4 | 77·3 | 76·7 | 74·7 | ·868 | ·833 | ·879 | ·894 | ·869 | ·819 | 85 | 89 | 81 | 86 | 86 | 86 | 0·57 | 10 | 10 | 10 | 10 | Pk. K. *r. o.* | Pk. K. Ck. C. *r. o.* | Pk. K. *o.* |
| 30 | 75·3 | 76·9 | 78·4 | 77·2 | 77·2 | 74·2 | ·832 | ·886 | ·906 | ·888 | ·878 | ·816 | 84 | 91 | 79 | 85 | 85 | 90 | 0·30 | 9 | 10 | 9 | 5 | Pk. K. Ck. C. *r.* | Pk. K. Ck. C. *r. o.* | K. Ck. |
| Mean. | 76·5 | 77·7 | 77·9 | 76·7 | 77·4 | 74·7 | ·869 | ·892 | ·891 | ·877 | ·882 | ·822 | 86 | 82 | 80 | 86 | 83 | 87 | Total 24·07 | 9·00 | 8·43 | 8·33 | 7·37 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·764 | 29·625 | 29·736 | 29·704 | 92·9 | 90·9 | 82·8 | 86·3 | 95·8 | 79·4 | 16·4 | 148·5 | 52·7 | 78·5 | 0·9 | SSW | S | 107 | 103 | 210 |
| 2 | ·742 | ·646 | ·725 | ·701 | 94·7 | 90·2 | 83·1 | 86·6 | 97·0 | 79·0 | 18·0 | 149·4 | 52·4 | 77·6 | 1·4 | SW | SW by S | 102 | 88 | 190 |
| 3 | ·779 | ·665 | ·763 | ·732 | 92·3 | 89·9 | 83·0 | 85·9 | 97·6 | 79·3 | 18·3 | 145·6 | 48·0 | 78·3 | 1·0 | SW | SSE | 94 | 156 | 250 |
| 4 | ·778 | ·655 | ·760 | ·727 | 94·1 | 89·0 | 84·9 | 86·9 | 96·2 | 80·4 | 15·8 | 143·7 | 47·5 | 79·6 | 0·8 | SW by S | S | 126 | 132 | 258 |
| 5 | ·774 | ·629 | ·729 | ·706 | 91·3 | 97·1 | 90·0 | 90·5 | 101·7 | 84·2 | 17·5 | 152·9 | 51·2 | 82·9 | 1·3 | W by S | SW | 140 | 127 | 267 |
| 6 | ·731 | ·575 | ·683 | ·658 | 91·7 | 98·1 | 91·2 | 91·1 | 100·9 | 84·2 | 16·7 | 147·3 | 46·4 | 83·6 | 0·6 | WSW | SWbyW | 117 | 138 | 255 |
| 7 | ·709 | ·582 | ·676 | ·652 | 89·5 | 94·9 | 88·9 | 88·8 | 99·2 | 82·7 | 16·5 | 146·3 | 47·1 | 79·2 | 3·5 | WSW | SW by S | 82 | 144 | 226 |
| 8 | ·699 | ·615 | ·730 | ·678 | 92·5 | 88·5 | 85·0 | 86·9 | 92·6 | 82·0 | 10·6 | 135·7 | 43·1 | 78·6 | 3·4 | SW | S by E | 68 | 129 | 197 |
| 9 | ·781 | ·656 | ·779 | ·735 | 91·7 | 87·9 | 80·8 | 85·7 | 93·0 | 82·8 | 10·2 | 136·0 | 43·0 | 82·6 | 0·2 | W by N | SSW | 99 | 98 | 197 |
| 10 | ·809 | ·643 | ·752 | ·730 | 84·8 | 91·3 | 76·8 | 82·4 | 93·2 | 77·6 | 15·6 | 129·2 | 36·0 | 77·3 | 0·3 | W by S | SWbyW | 99 | 117 | 216 |
| 11 | ·728 | ·583 | ·674 | ·657 | 82·8 | 92·4 | 84·8 | 83·8 | 93·3 | 76·1 | 17·2 | 128·0 | 34·7 | 74·8 | 1·3 | W by S | W | 118 | 142 | 260 |
| 12 | ·709 | ·594 | ·672 | ·654 | 84·5 | 90·9 | 80·1 | 83·2 | 91·2 | 77·6 | 13·6 | 130·5 | 39·3 | 77·3 | 0·3 | W by S | W | 126 | 127 | 253 |
| 13 | ·707 | ·603 | ·696 | ·666 | 88·0 | 93·8 | 83·8 | 86·1 | 97·0 | 79·7 | 17·3 | 150·0 | 53·0 | 77·0 | 2·7 | W by S | WSW | 129 | 95 | 224 |
| 14 | ·753 | ·631 | ·790 | ·721 | 89·9 | 96·3 | 86·8 | 88·1 | 101·2 | 80·2 | 21·0 | 154·2 | 53·0 | 79·6 | 0·6 | SWbyW | WSW | 139 | 188 | 327 |
| 15 | ·813 | ·684 | ·812 | ·767 | 90·9 | 99·1 | 89·3 | 89·9 | 101·0 | 81·2 | 19·8 | 144·4 | 43·4 | 80·6 | 0·6 | SWbyW | W by S | 113 | 151 | 264 |
| 16 | ·815 | ·657 | ·769 | ·744 | 92·1 | 99·1 | 86·2 | 89·4 | 101·6 | 81·0 | 20·6 | 158·0 | 56·4 | 79·8 | 1·2 | W by S | SW | 121 | 155 | 276 |
| 17 | ·772 | ·598 | ·723 | ·694 | 92·7 | 99·9 | 90·7 | 90·9 | 102·2 | 81·0 | 21·2 | 150·9 | 48·7 | 79·6 | 1·4 | W | WSW | 132 | 171 | 303 |
| 18 | ·724 | ·612 | ·736 | ·689 | 92·7 | 91·1 | 77·8 | 85·8 | 98·5 | 82·2 | 16·3 | 146·6 | 48·1 | 81·2 | 1·0 | W by S | SW | 136 | 109 | 245 |
| 19 | ·750 | ·611 | ·736 | ·696 | 90·3 | 88·9 | 81·4 | 84·4 | 99·8 | 77·7 | 22·1 | 147·2 | 47·4 | 76·8 | 0·9 | SWbyW | S by W | 111 | 106 | 217 |
| 20 | ·760 | ·629 | ·751 | ·710 | 91·2 | 88·6 | 83·8 | 85·7 | 99·7 | 79·8 | 19·9 | 158·0 | 58·3 | 78·7 | 1·1 | SWbyW | S by W | 93 | 122 | 215 |
| 21 | ·767 | ·634 | ·750 | ·714 | 89·6 | 88·8 | 83·5 | 84·1 | 98·0 | 75·3 | 22·7 | 142·2 | 44·2 | 73·7 | 1·6 | SWbyW | S by W | 70 | 104 | 174 |
| 22 | ·739 | ·632 | ·770 | ·712 | 92·3 | 88·9 | 85·0 | 86·0 | 99·0 | 78·7 | 20·3 | 144·8 | 45·8 | 77·8 | 0·9 | SW by S | SE by S | 102 | 101 | 203 |
| 23 | ·737 | ·674 | ·762 | ·723 | 92·0 | 86·7 | 81·6 | 85·0 | 102·3 | 80·4 | 21·9 | 149·7 | 47·4 | 78·6 | 1·8 | SWbyW | S by W | 93 | 72 | 165 |
| 24 | ·801 | ·703 | ·800 | ·766 | 82·0 | 84·0 | 81·0 | 80·8 | 87·0 | 76·4 | 10·6 | 105·3 | 18·3 | 74·8 | 1·6 | W by S | SSW | 61 | 55 | 116 |
| 25 | ·779 | ·687 | ·755 | ·738 | 89·6 | 80·0 | 79·0 | 81·1 | 94·2 | 76·5 | 17·7 | 150·8 | 56·6 | 75·6 | 0·9 | SW by S | SE by E | 77 | 54 | 131 |
| 26 | ·761 | ·670 | ·741 | ·722 | 88·9 | 88·1 | 82·8 | 84·2 | 94·0 | 77·7 | 16·3 | 142·2 | 48·2 | 75·9 | 1·8 | S | ESE | 45 | 82 | 127 |
| 27 | ·743 | ·634 | ·719 | ·697 | 90·5 | 88·8 | 83·6 | 85·6 | 93·0 | 80·0 | 13·0 | 141·4 | 48·4 | 78·8 | 1·2 | S by W | SE by E | 72 | 110 | 182 |
| 28 | ·742 | ·635 | ·738 | ·703 | 90·7 | 90·9 | 83·4 | 85·0 | 95·8 | 75·9 | 19·9 | 145·6 | 49·8 | 74·6 | 1·3 | WSW | S | 92 | 89 | 181 |
| 29 | ·779 | ·651 | ·744 | ·722 | 77·4 | 86·0 | 82·4 | 80·2 | 90·8 | 75·5 | 15·3 | 145·2 | 54·4 | 75·0 | 0·5 | W by N | S by E | 68 | 87 | 155 |
| 30 | ·742 | ·623 | ·712 | ·689 | 84·8 | 89·9 | 83·2 | 83·6 | 95·5 | 77·4 | 18·1 | 140·0 | 44·5 | 76·6 | 0·8 | WSW | S | 68 | 91 | 159 |
| Mean. | 29·756 | 29·635 | 29·739 | 29·707 | 89·6 | 91·0 | 83·9 | 85·8 | 96·7 | 79·4 | 17·3 | 143·7 | 46·9 | 78·2 | 1·2 | ... | ... | 100·0 | 114·8 | 214·8 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P. M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 84·2 | 82·7 | 80·1 | 80·8 | 75·5 | 1·055 | 1·008 | ·992 | ·988 | ·832 | 68 | 70 | 88 | 78 | 82 | ... | 1 | 3 | C. *b.* | K. *b. c. t.* < |
| 2 | 84·6 | 81·8 | 75·9 | 79·9 | 76·5 | 1·053 | ·973 | ·799 | ·932 | ·880 | 65 | 68 | 70 | 73 | 87 | ... | 2 | 3 | K. *b.* | K. *b. c. t.* |
| 3 | 82·8 | 84·3 | 79·8 | 80·9 | 75·5 | ·994 | 1·103 | ·975 | ·989 | ·932 | 66 | 79 | 86 | 80 | 84 | ... | 1 | 1 | C. *b.* | C. *b.* |
| 4 | 82·0 | 82·8 | 80·2 | 80·9 | 77·6 | ·930 | 1·039 | ·969 | ·875 | ·910 | 58 | 76 | 80 | 76 | 88 | ... | 5 | 4·5 | K. *c.* | K. *c.* |
| 5 | 80·0 | 79·2 | 76·6 | 78·0 | 75·8 | ·872 | ·729 | ·735 | ·791 | ·779 | 59 | 39 | 52 | 55 | 66 | ... | 5 | 5·5 | K. *c.* | K. *c.* |
| 6 | 78·2 | 79·8 | 80·0 | 78·4 | 74·8 | ·784 | ·770 | ·874 | ·801 | ·736 | 52 | 43 | 60 | 54 | 62 | ... | 5 | 7 | K. cloudy. | K. *c.* |
| 7 | 78·2 | 80·6 | 78·8 | 78·5 | 75·6 | ·813 | ·846 | ·850 | ·837 | ·791 | 58 | 51 | 63 | 62 | 71 | ... | 7 | 8 | K. cloudy. | K. cloudy. |
| 8 | 78·2 | 76·6 | 76·9 | 76·7 | 75·1 | ·773 | ·756 | ·817 | ·782 | ·779 | 50 | 56 | 68 | 61 | 71 | ... | 6 | 6·5 | K. *c.* | K. *c.* |
| 9 | 74·4 | 76·8 | 76·9 | 75·8 | 74·6 | ·619 | ·773 | ·873 | ·759 | ·747 | 41 | 59 | 83 | 62 | 67 | 0·10 | 5 | 9 | K. *c.* | K. cloudy < |
| 10 | 75·8 | 77·4 | 74·8 | 75·5 | 73·6 | ·771 | ·767 | ·837 | ·791 | ·776 | 64 | 51 | 91 | 71 | 82 | 0·07 | 10 | 9·5 | *o.* | K. *o.* |
| 11 | 75·0 | 75·8 | 73·9 | 74·8 | 74·0 | ·764 | ·668 | ·691 | ·742 | ·813 | 68 | 41 | 58 | 64 | 91 | ... | 10 | 10 | *o.* | *o.* |
| 12 | 73·4 | 75·6 | 74·9 | 74·1 | 72·0 | ·675 | ·674 | ·796 | ·722 | ·711 | 57 | 47 | 78 | 62 | 69 | ... | 10 | 10 | *o.* | *o.* |
| 13 | 74·9 | 76·8 | 74·9 | 74·9 | 72·5 | ·689 | ·693 | ·746 | ·715 | ·694 | 52 | 44 | 64 | 58 | 70 | ... | 9 | 7·5 | K. cloudy. | K. cloudy. |
| 14 | 75·8 | 79·8 | 74·8 | 76·0 | 72·7 | ·703 | ·795 | ·701 | ·736 | ·704 | 50 | 46 | 55 | 56 | 68 | ... | 6 | 6·5 | K. *c.* | K. *c.* |
| 15 | 78·6 | 81·9 | 77·9 | 78·1 | 72·9 | ·812 | ·858 | ·803 | ·804 | ·699 | 56 | 46 | 58 | 57 | 67 | ... | 2 | 8 | K. *b.* | K. *c.* |
| 16 | 78·8 | 79·6 | 79·1 | 77·7 | 72·8 | ·806 | ·747 | ·899 | ·799 | ·698 | 53 | 40 | 72 | 58 | 66 | ... | 2 | 4·5 | C. *b.* | K. *c.* |
| 17 | 79·8 | 80·0 | 77·1 | 78·0 | 74·3 | ·843 | ·755 | ·748 | ·785 | ·759 | 55 | 39 | 52 | 54 | 71 | ... | 3 | 6 | K. *b. c.* | K. *c.* |
| 18 | 81·6 | 81·8 | 76·8 | 79·0 | 74·8 | ·932 | ·960 | ·910 | ·900 | ·763 | 61 | 66 | 95 | 73 | 69 | 0·13 | 4 | 8 | K. *c.* | K. *c.* |
| 19 | 79·8 | 82·2 | 78·6 | 79·2 | 75·2 | ·876 | 1·010 | ·942 | ·929 | ·842 | 62 | 74 | 88 | 79 | 89 | 0·09 | 5 | 8 | K. *c.* | K. cloudy. |
| 20 | 80·8 | 81·1 | 78·8 | 79·2 | 75·4 | ·911 | ·962 | ·919 | ·911 | ·822 | 62 | 71 | 79 | 74 | 80 | 0·02 | 3 | 6 | C. *b. c.* | K. *c.* |
| 21 | 80·6 | 80·8 | 79·8 | 79·1 | 74·3 | ·923 | ·944 | ·968 | ·928 | ·836 | 66 | 69 | 84 | 79 | 95 | ... | 7 | 6·5 | C. *hazy lr.* | K. cloudy. |
| 22 | 82·0 | 82·7 | 79·8 | 80·5 | 76·8 | ·955 | 1·035 | ·948 | ·968 | ·897 | 61 | 77 | 79 | 78 | 91 | ... | 3 | 6·5 | K. *b. c.* | K. *c.* |
| 23 | 82·0 | 82·8 | 76·8 | 79·9 | 77·1 | ·959 | 1·070 | ·859 | ·954 | ·888 | 64 | 84 | 80 | 79 | 87 | 0·09 | 2 | 9 | C. *b.* | K. cloudy. |
| 24 | 78·8 | 78·9 | 78·8 | 77·9 | 74·8 | ·943 | ·921 | ·957 | ·918 | ·842 | 87 | 79 | 90 | 88 | 93 | 0·02 | 10 | 6 | *o.* | C. *hazy* cloudy. |
| 25 | 79·6 | 76·9 | 76·9 | 77·2 | 74·8 | ·877 | ·835 | ·898 | ·884 | ·840 | 63 | 87 | 91 | 84 | 92 | 0·06 | 3 | 5·5 | K. *b. c.* | K. *c. t.* |
| 26 | 80·4 | 81·8 | 78·9 | 79·6 | 76·6 | ·924 | 1·002 | ·936 | ·951 | ·903 | 68 | 75 | 83 | 81 | 95 | ... | 2 | 3 | C. *b.* | C. *b. c. t.* |
| 27 | 82·8 | 80·8 | 80·8 | 80·6 | 77·4 | 1·018 | ·944 | 1·013 | ·978 | ·907 | 72 | 69 | 83 | 80 | 89 | ... | 5 | 4 | K. *c.* | K. *c.* < |
| 28 | 80·7 | 81·3 | 79·8 | 79·4 | 75·2 | ·907 | ·940 | ·969 | ·929 | ·866 | 63 | 65 | 83 | 77 | 97 | ... | 6 | 4·5 | K. *lr.* | K. *c. t.* |
| 29 | 75·8 | 80·7 | 78·8 | 77·5 | 73·8 | ·871 | ·978 | ·938 | ·909 | ·812 | 93 | 79 | 85 | 89 | 92 | 0·05 | 10 | 6 | *o. t.* < | K. cloudy < |
| 30 | 78·4 | 83·6 | 78·8 | 79·3 | 75·6 | ·887 | 1·067 | ·926 | ·944 | ·862 | 74 | 76 | 81 | 82 | 92 | ... | 7 | 7 | K. cloudy. | K. cloudy. |
| Mean. | 79·3 | 80·2 | 77·9 | 78·3 | 74·9 | ·865 | ·887 | ·876 | ·865 | ·811 | 62 | 62 | 76 | 71 | 81 | Total 0·63 | 5·20 | 6·32 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN JUNE 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·582 | 81·3 | 78·6 | ·946 | 88 | 0·03 | 1 | 0 | 0 | 5 | 24 | 97 | 26 | 0 | 0 | 1 | The barograph readings of 1h., 2h., 3h., and 4h. of the 10th have been obtained by interpolation. |
| 1 | ·568 | 81·3 | 78·8 | ·954 | 89 | 0·04 | 1 | 0 | 0 | 5 | 24 | 90·5 | 25·5 | 0 | 0 | 0 | |
| 2 | ·561 | 81·1 | 78·8 | ·958 | 90 | 0·01 | 1 | 0 | 0 | 4 | 16 | 87·5 | 37·5 | 0 | 0 | 1 | |
| 3 | ·553 | 81·1 | 78·9 | ·959 | 90 | 0·05 | 2 | 0 | 0 | 5 | 19 | 78 | 48 | 0 | 1 | 1 | |
| 4 | ·557 | 81·0 | 78·8 | ·957 | 90 | 0·01 | 1 | 0 | 0 | 6 | 18 | 68 | 44 | 0 | 1 | 1 | |
| 5 | ·560 | 80·9 | 78·6 | ·956 | 90 | 0·11 | 1 | 0 | 0 | 8 | 29 | 66 | 56 | 0 | 0·5 | 0 | |
| 6 | ·570 | 81·1 | 78·9 | ·960 | 90 | 0·05 | 1 | 0 | 0 | 15 | 32 | 85 | 47 | 0 | 0·5 | 0 | |
| 7 | ·583 | 83·1 | 80·0 | ·984 | 87 | 0·35 | 3 | 0 | 6 | 17 | 29 | 103 | 73 | 1 | 2 | 0 | |
| 8 | ·599 | 84·5 | 80·5 | ·987 | 83 | 0·09 | 2 | 0 | 7 | 23 | 13 | 107 | 119 | 1 | 1 | 0 | |
| 9 | ·607 | 86·5 | 81·3 | 1·001 | 79 | 0·04 | 2 | 0 | 0 | 25 | 21 | 93 | 145 | 2 | 0 | 0 | |
| 10 | ·611 | 87·4 | 81·3 | ·988 | 76 | 0·41 | 2 | 0 | 0 | 21 | 30 | 117 | 130 | 7 | 0 | 0 | |
| 11 | ·601 | 88·2 | 81·6 | ·992 | 75 | 0·19 | 2 | 4 | 5 | 29 | 16 | 112 | 135 | 13 | 0 | 0 | |
| Noon. | ·590 | 88·5 | 81·6 | ·988 | 74 | 0·54 | 4 | 0 | 4 | 30 | 32 | 100 | 119 | 17 | 6 | 0 | |
| 13 | ·570 | 88·5 | 81·7 | ·996 | 74 | 0·05 | 2 | 0 | 9 | 24 | 35 | 131 | 92 | 11 | 5 | 0 | |
| 14 | ·550 | 88·2 | 81·4 | ·985 | 74 | 0·14 | 3 | 0 | 4 | 36 | 18 | 134 | 83 | 6 | 0 | 0 | |
| 15 | ·531 | 87·6 | 81·2 | ·982 | 75 | 0·22 | 2 | 0 | 3 | 20 | 38 | 122 | 86 | 1 | 0 | 0 | |
| 16 | ·516 | 87·3 | 81·1 | ·982 | 76 | 0·03 | 2 | 0 | 8 | 17 | 33 | 122 | 77 | 5 | 5 | 0 | |
| 17 | ·511 | 86·5 | 80·9 | ·979 | 78 | 0·58 | 2 | 3 | 7 | 9 | 21 | 138 | 53 | 1 | 0 | 0 | |
| 18 | ·520 | 85·7 | 80·5 | ·972 | 79 | 1·36 | 1 | 4 | 0 | 14 | 28 | 114 | 50 | 4 | 4 | 0 | |
| 19 | ·539 | 84·2 | 79·6 | ·953 | 81 | 0·92 | 4 | 1 | 2 | 11 | 32 | 81 | 48 | 10 | 0 | 1 | |
| 20 | ·567 | 83·3 | 79·4 | ·955 | 84 | 0·82 | 4 | 4 | 0 | 8 | 40 | 83 | 36 | 9 | 8 | 0 | |
| 21 | ·579 | 82·6 | 79·1 | ·951 | 85 | 0·11 | 2 | 0 | 0 | 10 | 38 | 80 | 21 | 9 | 2 | 0 | |
| 22 | ·596 | 82·0 | 78·9 | ·949 | 86 | 0·10 | 2 | 0 | 1 | 11 | 34 | 90 | 8 | 1 | 0 | 0 | |
| 23 | ·596 | 81·6 | 78·8 | ·948 | 88 | *Nil.* | *Nil.* | 0 | 2 | 3 | 33 | 83 | 18 | 0 | 0 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN JUNE 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 33 | 2·5 | 12·5 | 2·5 | 5 | 8·5 | 21 | 34 | 3 | 34·5 | 0 | 0·5 | 5·5 | 31 | 82 | 60 | 48·5 | 0 |
| 1 to 2 | 46 | 1·5 | 1 | 4·5 | 6 | 10 | 19 | 23 | 4 | 30 | 0 | 0·5 | 0·5 | 22·5 | 82 | 103·5 | 71 | 0 |
| 2 to 3 | 40 | 5·5 | 1·5 | 2 | 6·5 | 12 | 20·5 | 19 | 3 | 48 | 0 | 0·5 | 0·5 | 40·5 | 92·5 | 71 | 51 | 0 |
| 3 to 4 | 32 | 6 | 2·5 | 2·5 | 4 | 7 | 22 | 21 | 1 | 43 | 12 | 0 | 2·5 | 18·5 | 51 | 86 | 53 | 1 |
| 4 to 5 | 24·5 | 13 | 4·5 | 2·5 | 3·5 | 6·5 | 22 | 22·5 | 3 | 46 | 0 | 4·5 | 7 | 29·5 | 42·5 | 51·5 | 54 | 1 |
| 5 to 6 | 16 | 1·5 | 14·5 | 6·5 | 6·5 | 11·5 | 25·5 | 27 | 3 | 34·5 | 3 | 4 | 7 | 31·5 | 27 | 44·5 | 55 | 0 |
| 6 to 7 | 15·5 | 3 | 6 | 18·5 | 2·5 | 17 | 37 | 26·5 | 2 | 34 | 4 | 0 | 4·5 | 33·5 | 50 | 78 | 94 | 0 |
| 7 to 8 | 15·5 | 9·5 | 4·5 | 20 | 3·5 | 10 | 28 | 44 | 2 | 38 | 0 | 0 | 3 | 30 | 60 | 85·5 | 137·5 | 0 |
| 8 to 9 | 17·5 | 5 | 9·5 | 17 | 5 | 9 | 19·5 | 62·5 | 1 | 49·5 | 0 | 0 | 0 | 25·5 | 64·5 | 97·5 | 162 | 0 |
| 9 to 10 | 34·5 | 13 | 3 | 17 | 20 | 21 | 13 | 59·5 | 0 | 74·5 | 0 | 0 | 0 | 19 | 59·5 | 85 | 157 | 0 |
| 10 to 11 | 65·5 | 4 | 2 | 0·5 | 3 | 29·5 | 5 | 59·5 | 0 | 48·5 | 0 | 0 | 0 | 19 | 56·5 | 83 | 145 | 0 |
| 11 to noon | 54 | 15 | 7·5 | 3 | 2 | 18·5 | 19·5 | 58·5 | 0 | 46·5 | 0 | 0 | 0 | 13 | 72·5 | 87 | 116 | 0 |
| Noon to 13 | 47 | 35 | 8 | 2 | 4 | 17 | 31 | 53 | 0 | 23 | 0 | 1·5 | 4·5 | 13·5 | 73·5 | 108 | 112 | 0 |
| 13 to 14 | 37·5 | 22 | 31 | 7 | 14 | 7·5 | 31·5 | 43·5 | 0 | 40 | 1 | 1 | 2 | 34 | 63 | 130 | 94 | 0 |
| 14 to 15 | 39 | 21 | 13 | 0 | 27 | 22 | 35·5 | 42·5 | 0 | 30 | 5 | 0 | 0 | 49 | 70 | 80 | 104 | 0 |
| 15 to 16 | 39·5 | 23·5 | 15·5 | 4·5 | 23 | 39·5 | 36 | 26·5 | 1 | 35·5 | 16·5 | 4 | 37 | 57·5 | 66 | 80·5 | 76 | 0 |
| 16 to 17 | 27 | 34 | 14 | 2·5 | 6·5 | 40 | 30·5 | 29·5 | 2 | 30 | 12·5 | 22·5 | 11·5 | 57 | 89·5 | 88·5 | 57·5 | 0 |
| 17 to 18 | 21 | 30 | 16 | 2·5 | 6·5 | 30·5 | 25·5 | 27 | 1 | 25·5 | 3 | 0 | 13 | 37·5 | 116·5 | 84·5 | 56 | 0 |
| 18 to 19 | 30·5 | 17 | 12·5 | 3 | 0·5 | 11 | 25 | 27·5 | 1 | 31 | 65 | 13·5 | 13 | 55 | 82 | 68 | 38 | 0 |
| 19 to 20 | 29·5 | 13·5 | 6 | 0 | 6·5 | 6 | 23 | 21·5 | 2 | 13 | 16 | 16 | 6 | 81 | 49·5 | 48·5 | 20 | 0 |
| 20 to 21 | 25 | 10·5 | 4 | 0 | 4 | 7 | 21 | 18·5 | 5 | 19·5 | 8 | 0 | 7·5 | 61·5 | 51·5 | 48·5 | 23·5 | 0 |
| 21 to 22 | 25·5 | 9·5 | 0·5 | 6 | 5 | 8 | 23·5 | 16 | 5 | 25 | 3·5 | 0 | 12 | 58 | 86·5 | 25·5 | 36·5 | 0 |
| 22 to 23 | 30·5 | 10·5 | 1·5 | 0 | 13 | 7 | 16·5 | 23 | 5 | 10·5 | 5·5 | 0 | 16·5 | 40·5 | 60·5 | 38 | 55·5 | 0 |
| 23 to midn. | 31 | 10·5 | 8 | 0 | 6·5 | 11 | 22 | 30 | 4 | 41 | 12·5 | 1·5 | 19 | 36·5 | 76 | 40·5 | 43 | 0 |

JULY 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·581 | 29·579 | 29·523 | 29·615 | 29·570 | 80·3 | 88·1 | 80·3 | 78·5 | 84·1 | 91·3 | 79·7 | 11·6 | 2·6 | 148·7 | 57·4 | 76·3 | 3·4 | SSW | SSE | NE | SSW | 124 |
| 2 | ·578 | ·618 | ·556 | ·670 | ·598 | 78·7 | 86·8 | 81·3 | 80·3 | 82·1 | 88·5 | 78·2 | 10·3 | 2·2 | 121·5 | 33·0 | 75·3 | 2·9 | SE | SE | ENE | E by S | 58 |
| 3 | ·641 | ·707 | ·633 | ·713 | ·665 | 79·5 | 86·1 | 80·3 | 79·0 | 82·9 | 89·7 | 78·7 | 11·0 | 3·0 | 155·0 | 65·3 | 77·2 | 1·5 | ESE | ESE | E | SE | 100 |
| 4 | ·655 | ·674 | ·555 | ·622 | ·633 | 78·5 | 84·3 | 82·3 | 80·2 | 83·0 | 88·7 | 78·2 | 10·5 | 3·7 | 155·9 | 67·2 | 74·6 | 3·6 | SE | E | SSW | S | 95 |
| 5 | ·558 | ·585 | ·448 | ·543 | ·532 | 78·8 | 86·3 | 84·3 | 79·3 | 82·5 | 88·0 | 78·2 | 9·8 | 3·5 | 141·5 | 53·5 | 74·8 | 3·4 | S | ENE | ENE | ESE | 83 |
| 6 | ·479 | ·524 | ·449 | ·563 | ·496 | 77·1 | 81·3 | 81·3 | 79·8 | 80·6 | 84·7 | 76·7 | 8·0 | 0·9 | 147·7 | 63·0 | 75·3 | 1·4 | E by N | SSE | ESE | SE | 90 |
| 7 | ·529 | ·554 | ·488 | ·575 | ·534 | 77·7 | 82·8 | 84·3 | 80·3 | 81·8 | 85·8 | 77·0 | 8·8 | 0·2 | 137·7 | 51·9 | 75·8 | 1·2 | ESE | S by E | SE | SSW | 116 |
| 8 | ·546 | ·564 | ·472 | ·539 | ·527 | 78·5 | 81·3 | 84·3 | 81·3 | 82·2 | 84·7 | 78·0 | 6·7 | 0 | 121·8 | 37·1 | 75·3 | 2·7 | WSW | WSW | SSW | SW | 99 |
| 9 | ·492 | ·486 | ·392 | ·435 | ·455 | 78·3 | 81·3 | 80·3 | 77·1 | 80·5 | 83·5 | 77·9 | 5·6 | 0 | 113·0 | 29·5 | 76·6 | 1·3 | SW | W | SW | W by S | 136 |
| 10 | ·328 | ·362 | ·324 | ·401 | ·357 | 77·1 | 79·3 | 81·8 | 79·8 | 80·5 | 84·0 | 76·4 | 7·6 | 0·1 | 146·0 | 62·0 | 75·8 | 0·6 | SSW | WSW | SSE | S by W | 267 |
| 11 | ·377 | ·421 | ·357 | ·435 | ·389 | 78·1 | 82·3 | 82·3 | 78·1 | 81·1 | 85·8 | 77·2 | 8·6 | 1·6 | 146·5 | 60·7 | 74·3 | 2·9 | SSW | SW | SW | SW | 157 |
| 12 | ·398 | ·431 | ·331 | ·411 | ·389 | 78·8 | 82·3 | 85·3 | 80·2 | 81·7 | 86·5 | 77·7 | 8·8 | 1·0 | 141·8 | 55·3 | 75·8 | 1·9 | W by N | W | WNW | SW | 94 |
| 13 | ·331 | ·350 | ·288 | ·437 | ·340 | 79·8 | 82·3 | 83·5 | 79·4 | 81·7 | 86·5 | 77·7 | 8·8 | 1·6 | 140·0 | 53·5 | 76·4 | 1·3 | N | NNE | E by S | S E by E | 181 |
| 14 | ·434 | ·518 | ·494 | ·616 | ·498 | 77·3 | 79·8 | 77·8 | 78·5 | 79·7 | 81·3 | 76·7 | 4·6 | 0·2 | 125·5 | 44·2 | 75·8 | 0·9 | SE by S | SE by E | SSE | SSE | 174 |
| 15 | ·650 | ·700 | ·622 | ·685 | ·655 | 77·2 | 82·8 | 86·3 | 80·3 | 81·8 | 86·7 | 76·4 | 10·3 | 3·9 | 151·3 | 64·6 | 75·0 | 1·4 | S | S | SW by W | SSE | 108 |
| 16 | ·674 | ·675 | ·573 | ·644 | ·644 | 77·9 | 85·8 | 89·3 | 81·8 | 84·2 | 90·7 | 77·6 | 13·1 | 10·2 | 152·7 | 62·0 | 73·1 | 4·5 | SSE | WSW | N by W | W by N | 60 |
| 17 | ·648 | ·677 | ·565 | ·636 | ·625 | 80·8 | 87·9 | 89·5 | 83·8 | 85·9 | 92·4 | 80·4 | 12·0 | 7·2 | 153·4 | 61·0 | 76·8 | 3·6 | SW | WNW | W by S | NW | 81 |
| 18 | ·603 | ·622 | ·561 | ·587 | ·595 | 77·3 | 80·8 | 81·8 | 79·3 | 81·6 | 82·1 | 77·2 | 4·9 | 0 | 101·7 | 19·6 | 75·3 | 1·9 | ESE | NE | WSW | SSE | 82 |
| 19 | ·539 | ·567 | ·476 | ·555 | ·534 | 77·9 | 84·3 | 87·3 | 79·4 | 83·1 | 89·5 | 77·4 | 12·1 | 6·0 | 152·8 | 63·3 | 74·3 | 3·1 | SSE | SW | SW | E by S | 42 |
| 20 | ·513 | ·536 | ·449 | ·515 | ·497 | 80·1 | 84·3 | 82·3 | 81·9 | 83·1 | 87·8 | 78·2 | 9·6 | 2·0 | 151·0 | 63·2 | 76·6 | 1·6 | E by S | E by N | ENE | E by N | 73 |
| 21 | ·493 | ·531 | ·447 | ·545 | ·503 | 78·7 | 82·8 | 86·3 | 81·2 | 83·0 | 89·0 | 77·0 | 12·0 | 6·3 | 152·5 | 63·5 | 75·4 | 1·6 | N by E | ENE | ESE | S by E | 102 |
| 22 | ·527 | ·561 | ·485 | ·548 | ·524 | 79·8 | 85·6 | 82·3 | 80·8 | 82·9 | 88·5 | 79·4 | 9·1 | 4·3 | 152·9 | 64·4 | 76·4 | 3·0 | ESE | ENE | ESE | SE | 117 |
| 23 | ·487 | ·517 | ·426 | ·505 | ·482 | 79·1 | 85·3 | 86·1 | 81·3 | 83·5 | 88·9 | 78·4 | 10·5 | 9·3 | 146·7 | 57·8 | 76·6 | 1·8 | SSE | E | E | E by S | 128 |
| 24 | ·418 | ·426 | ·367 | ·468 | ·421 | 80·1 | 84·3 | 82·8 | 80·3 | 82·1 | 86·5 | 79·6 | 6·9 | 2·5 | 144·5 | 58·0 | 76·5 | 3·1 | E by N | ESE | SE | S E by S | 229 |
| 25 | ·471 | ·486 | ·408 | ·494 | ·456 | 78·3 | 84·3 | 83·5 | 80·9 | 82·2 | 84·5 | 77·8 | 6·7 | 2·3 | 123·5 | 39·0 | 75·7 | 2·1 | ESE | S E by E | SW | S by E | 163 |
| 26 | ·491 | ·529 | ·460 | ·546 | ·501 | 78·3 | 86·1 | 87·8 | 82·9 | 84·3 | 88·3 | 78·0 | 10·3 | 7·2 | 152·3 | 64·0 | 76·5 | 1·5 | SSW | S E by S | SSW | WSW | 106 |
| 27 | ·517 | ·555 | ·498 | ·557 | ·530 | 82·1 | 86·3 | 83·3 | 81·3 | 83·9 | 87·5 | 81·2 | 6·3 | 0·7 | 102·5 | 15·0 | 77·7 | 3·5 | SW | WNW | WNW | SSW | 76 |
| 28 | ·481 | ·517 | ·430 | ·519 | ·484 | 80·8 | 84·3 | 82·3 | 80·3 | 82·3 | 84·5 | 80·2 | 4·3 | 0 | 118·8 | 34·3 | 77·8 | 2·4 | SSW | ESE | WSW | SW by W | 91 |
| 29 | ·525 | ·579 | ·505 | ·571 | ·532 | 79·0 | 80·5 | 84·1 | 81·3 | 82·1 | 86·5 | 78·4 | 8·1 | 0·9 | 146·2 | 59·7 | 76·5 | 1·9 | SW by W | SW | S by W | S | 148 |
| 30 | ·562 | 610 | ·516 | ·579 | ·560 | 78·7 | 84·3 | 88·1 | 82·9 | 84·2 | 88·7 | 78·2 | 10·5 | 8·8 | 152·4 | 63·7 | 76·1 | 2·1 | SSW | WSW | WSW | SW by S | 145 |
| 31 | ·540 | ·567 | ·456 | ·570 | ·528 | 80·3 | 85·5 | 83·1 | 79·3 | 83·3 | 89·4 | 79·9 | 9·5 | 3·3 | 152·9 | 63·5 | 76·3 | 3·6 | SW | W | N E by E | SW | 158 |
| Mean | 29·518 | 29·549 | 29·469 | 29·552 | 29·518 | 78·9 | 83·9 | 83·7 | 80·3 | 82·5 | 87·1 | 78·2 | 8·9 | Total 95·5 | 140·3 | 53·2 | 75·9 | 2·3 | ... | ... | ... | ... | 118·8 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 79·3 | 82·3 | 75·8 | 77·2 | 80·5 | 78·0 | ·989 | 1·024 | ·832 | ·919 | ·997 | ·966 | 96 | 76 | 80 | 94 | 85 | 96 | 0·03 | 8 | 8 | 10 | 10 | Pc.Ck.*c.* ◁ | K.Fk.P. *c. o.g.t.* | P. Pk.Ck. *o.g.d.* |
| 2 | 77·6 | 80·5 | 79·4 | 79·1 | 79·6 | 76·2 | ·935 | ·958 | ·979 | ·982 | ·977 | ·878 | 95 | 75 | 91 | 96 | 89 | 91 | 0·81 | 9 | 8 | 10 | 10 | Pc.C.*c.* | Pk.K.P.*c. o.g.t.p.* | P.Pc.*o.g.d.* |
| 3 | 78·4 | 81·1 | 77·4 | 78·2 | 79·9 | 76·9 | ·960 | ·996 | 901 | ·953 | ·981 | ·899 | 95 | 80 | 87 | 95 | 88 | 91 | 0·15 | 10 | 9 | 10 | 7 | Pc.Cs.*o.* | K.Ck.Pk.*c. o g p.t.d.* | Pc.Pk.C.*o. g.d.c.* |
| 4 | 77·6 | 79·7 | 80·0 | 78·8 | 79·5 | 77·1 | ·935 | ·955 | ·995 | ·966 | ·961 | ·919 | 95 | 81 | 90 | 93 | 85 | 95 | 0·14 | 8 | 10 | 10 | 5 | C.Cs.*c.* ◁ | Pk.K.*o.p.* | C. Ck. *c.* |
| 5 | 77·9 | 79·7 | 78·9 | 78·2 | 79·1 | 77·5 | ·944 | ·927 | ·915 | ·953 | ·950 | ·935 | 95 | 74 | 77 | 95 | 86 | 97 | 0·07 | 6 | 9 | 7 | 10 | C.Cs.*c.* ◁ | Pk.K.Ck.C. Cs.*c.d.* | Cs.C.K.Pk. *c.o.g.d.* |
| 6 | 76·2 | 78·7 | 78·7 | 75·8 | 78·5 | 75·8 | ·892 | ·949 | ·949 | ·839 | ·954 | ·880 | 95 | 89 | 89 | 82 | 91 | 95 | 0·72 | 9 | 10 | 10 | 10 | K.Pk.*c. p.* | Pk.K.P.*o. g.d.p.* | P. Pk. Fk. Pc *o.d.p.* |
| 7 | 77·1 | 80·7 | 79·2 | 78·8 | 79·2 | 76·1 | ·925 | 1·022 | ·932 | ·966 | ·968 | ·889 | 98 | 91 | 79 | 93 | 89 | 95 | 1·18 | 3 | 10 | 10 | 9 | C.Cs.*c. p.d.* | P.Pk.K.Fk. *o.g.* | Pk. C. Cs. Pc. *c.d.* |
| 8 | 77·4 | 78·2 | 80·2 | 78·2 | 79·3 | 77·0 | ·928 | ·926 | ·978 | ·926 | ·962 | ·916 | 95 | 87 | 83 | 87 | 88 | 95 | ... | 10 | 10 | 10 | 10 | Pk. Fk. *o.* ◁ | Pc Pk.K *o. g.* | Pk.Ck.P.*c. o.g* |
| 9 | 77·6 | 79·2 | 79·6 | 76·4 | 78·7 | 76·4 | ·938 | ·972 | 1·003 | ·902 | ·958 | ·891 | 97 | 91 | 97 | 97 | 92 | 93 | 6·18 | 10 | 10 | 10 | 10 | P.*o.g.d. p.* | P.Fk.*o.g.d. p.* | P. *o. g. p.* |
| 10 | 76·4 | 77·5 | 78·2 | 78·2 | 78·3 | 75·6 | ·902 | ·918 | ·919 | ·946 | ·939 | ·874 | 97 | 91 | 85 | 93 | 90 | 95 | 1·44 | 10 | 10 | 10 | 8 | P.*o.g.p.* | P. Fk. Pk. Pc.*o.g.p.* | Pk Fk.Pc. *c. o.* |
| 11 | 76·1 | 77·4 | 77·2 | 76·2 | 77·9 | 75·7 | ·875 | ·874 | ·868 | ·878 | ·916 | ·870 | 91 | 79 | 79 | 91 | 87 | 93 | 0·02 | 10 | 9 | 10 | 10 | Pc.Pk.*o.* | Pk.K.Fk. *c.o.g.* | Pk. *o.g.d.* |
| 12 | 76·4 | 77·2 | 79·7 | 78·8 | 78·4 | 76·1 | ·877 | ·868 | ·941 | ·966 | ·929 | ·882 | 89 | 79 | 78 | 93 | 86 | 93 | 0·03 | 10 | 10 | 7 | 10 | Pk.Fk.*o. g.* | Pk.Fk.K. Ck.*c.o.* | Cs. K. Pk. Pc.*o.g.d.t.* |
| 13 | 78·7 | 78·2 | 80·4 | 78·4 | 79·2 | 76·6 | ·969 | ·912 | ·999 | ·960 | ·967 | ·904 | 96 | 83 | 87 | 95 | 89 | 95 | 2·07 | 10 | 10 | 9 | 8 | P.*o.g.d. p.* | P.Fk.Pk.K. *c.o g d.p.* | P.Fk.Pk.*c. o.g.p.* |
| 14 | 76·6 | 77·7 | 76·2 | 76·8 | 77·7 | 76·1 | ·907 | ·924 | ·885 | ·900 | ·927 | ·896 | 97 | 91 | 93 | 92 | 91 | 98 | 0·64 | 10 | 10 | 10 | 10 | P.*o.g.d. p.* | P.Fk.*o.g.d. p.* | P.Fk.*o.g.d.* |
| 15 | 76·4 | 78·4 | 79·0 | 78·2 | 78·9 | 75·6 | ·898 | ·912 | ·895 | ·940 | ·948 | ·874 | 95 | 81 | 71 | 91 | 87 | 95 | 0·26 | 8 | 8 | 7 | 0 | Ck.Fk. *c.p.* | K.Cs.Ck. *c.p.* | K.Cs. *b.c.* |
| 16 | 77·2 | 79·2 | 79·2 | 80·0 | 79·9 | 77·0 | ·925 | ·911 | ·864 | ·998 | ·964 | ·922 | 97 | 74 | 63 | 91 | 83 | 98 | ... | 2 | 3 | 4 | 2 | C.Cs. *c.* ◁ | K. *c.* | C.K. *c.* |
| 17 | 79·4 | 81·7 | 82·4 | 81·9 | 81·8 | 78·2 | ·985 | 1·003 | 1·013 | 1·064 | 1·034 | ·940 | 93 | 76 | 73 | 91 | 84 | 91 | 0·04 | 4 | 8 | 6 | 3 | Ck. Cs. *c.* ◁ | K.C.Ck.*c. t.p.* | K.C.Ck.*c.* |
| 18 | 76·2 | 79·2 | 79·9 | 78·1 | 79·6 | 75·6 | ·892 | ·979 | ·995 | ·950 | ·589 | ·867 | 95 | 93 | 91 | 95 | 91 | 93 | 0·48 | 10 | 10 | 10 | 0 | P.*o.g.d. p.* | P.Pk.*o.g d.* | K.Cs.Ck. *c.b.* |
| 19 | 77·2 | 79·2 | 80·5 | 78·2 | 79·8 | 76·9 | ·925 | ·932 | ·948 | ·953 | ·978 | ·919 | 97 | 79 | 73 | 95 | 87 | 98 | 0·68 | 8 | 7 | 6 | 10 | C Cs.Pc. *c.* | K. *c.* | K.Pk.P. *c. o.g.d.p.* |
| 20 | 79·2 | 79·7 | 78·4 | 80·9 | 80·2 | 76·7 | ·986 | ·955 | ·919 | 1·043 | ·994 | ·900 | 96 | 81 | 83 | 96 | 88 | 93 | 0·49 | 10 | 9 | 10 | 10 | P.Pk.Fk. *o g.p.* | K Ck.P.Pk. *c.o.t.p.* | Cs. Pk. K. P.*c.o.g.d.p.* |
| 21 | 77·8 | 79·2 | 80·7 | 79·2 | 79·4 | 75·7 | ·941 | ·952 | ·975 | ·972 | ·960 | ·874 | 95 | 85 | 78 | 91 | 85 | 94 | 0·41 | 10 | 10 | 6 | 0 | P.Fk. *o. g.p.* | K Pk.C.*o. c t.p.* | K.Pk.*c.b.d.* |
| 22 | 78·7 | 79·7 | 78·7 | 79·9 | 80·0 | 78·4 | 969 | ·934 | ·935 | 1·009 | ·985 | ·960 | 96 | 76 | 85 | 96 | 87 | 95 | 0 43 | 8 | 8 | 8 | 4 | C.Cs.Pc. *c.* | C.K.Ck.Cs. P.*o.t.p.* | K Pk. Pc. *c p.* |
| 23 | 78·1 | 80·2 | 80·5 | 77·8 | 79·3 | 77·6 | ·950 | ·965 | ·968 | ·907 | ·947 | ·935 | 95 | 79 | 78 | 85 | 83 | 95 | 0·69 | 10 | 7 | 7 | 0 | C.Pc.*o.p.* | Ck.Fk.K. Pk.*c.* | K.Fk. *c.b.* |
| 24 | 77·8 | 78·7 | 79·2 | 78·3 | 79·0 | 77·5 | ·924 | ·908 | ·952 | ·943 | ·949 | ·918 | 90 | 77 | 85 | 91 | 86 | 91 | 0·26 | 10 | 10 | 10 | 5 | Pc.Fk.*o.* | P.Fk.*o.g.d. p.* | P.Fk.Pc.*o. g.c.* |
| 25 | 77·2 | 79·7 | 81·2 | 78·9 | 79·7 | 77·0 | ·922 | ·955 | 1·036 | ·963 | ·982 | ·916 | 95 | 81 | 90 | 91 | 89 | 95 | 0·38 | 9 | 7 | 9 | 5 | Pc.Fk.*c. p.* | K.Pk.Pc. Fk.*c.o.g.d* | Cs. K. Pc. Pk. *c.* |
| 26 | 77·2 | 80·2 | 80·1 | 80·6 | 80·5 | 76·8 | ·922 | ·951 | ·924 | 1·015 | ·989 | ·910 | 95 | 76 | 70 | 90 | 84 | 95 | ... | 8 | 7 | 9 | 2 | C.Pc.*c.* | K. *c.* | Pk.Pc *g.c.* |
| 27 | 81·2 | 79·7 | 81·4 | 79·4 | 80·8 | 79·5 | 1·053 | ·927 | 1·046 | ·979 | 1·011 | ·986 | 96 | 74 | 91 | 91 | 87 | 92 | 0·05 | 10 | 10 | 10 | 9 | Pc.Fk.*o.* | Pc.Ck.P.*o. g.t.d.* | Pc.Pk.*o.g.c.* |
| 28 | 79·9 | 80·2 | 78·2 | 77·8 | 79·8 | 78·8 | 1·009 | ·978 | ·912 | ·921 | ·984 | ·966 | 96 | 83 | 83 | 89 | 89 | 93 | 0·14 | 10 | 10 | 10 | 10 | Pc.Fk.*o. g.* | P Fk Pk.K. *o.g.p.* | P.Pc.*o.g.d.* |
| 29 | 78·2 | 78·4 | 78·3 | 78·9 | 79·1 | 77·6 | ·953 | ·946 | ·889 | ·956 | ·958 | ·935 | 95 | 91 | 75 | 89 | 88 | 95 | 0·07 | 10 | 10 | 10 | 8 | P.*o.g.p.* | P.Pk.Fk.*o. g.* | Pc Fk.Pk. *o.c.* |
| 30 | 77·2 | 79·0 | 79·2 | 78·9 | 79·6 | 76·9 | ·915 | ·922 | ·877 | ·935 | ·952 | ·910 | 93 | 78 | 66 | 83 | 81 | 94 | ... | 8 | 7 | 4 | 9 | C. Pc. *c.* ◁ | K. Ck. *c.* | K.Pk.Pc.*c* |
| 31 | 79·2 | 79·3 | 81·3 | 78·3 | 80·1 | 77·5 | ·986 | ·921 | 1·043 | ·957 | ·984 | ·911 | 96 | 76 | 91 | 95 | 86 | 89 | 0·33 | 10 | 6 | 10 | 10 | Pc.Pk *o.* | K.Fk.Pk.*c. o.g.t.d.p.* | P.Pk.Fk. *o.g.d t.* |
| Mean | 77·8 | 79·3 | 79·3 | 78·5 | 79·5 | 76·9 | ·940 | ·944 | ·945 | ·954 | ·968 | ·911 | 95 | 82 | 82 | 92 | 87 | 94 | Total 18·19 | 8·65 | 8·71 | 8·68 | 6·90 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·337 | 29·343 | 29·146 | 29·242 | 29·261 | 81·6 | 82·3 | 92·9 | 87·1 | 85·8 | 93·8 | 80·9 | 12·9 | 0·4 | 153·7 | 59·9 | 79·8 | 1·1 | E | NNE | E | E | 84·5 |
| 2 | ·278 | ·332 | ·206 | ·300 | ·273 | 77·5 | 78·2 | 84·8 | 81·3 | 80·2 | 85·2 | 76·5 | 8·7 | 0 | 122·6 | 37·4 | 75·4 | 1·1 | NNW | SE | W | SSW | 88·6 |
| 3 | ·279 | ·342 | ·223 | ·336 | ·289 | 78·1 | 85·2 | 91·3 | 80·2 | 83·5 | 92·6 | 76·4 | 16·2 | 4·8 | 156·8 | 64·2 | 75·8 | 0·6 | ESE | SSE | E | ENE | 129·0 |
| 4 | ·330 | ·346 | ·209 | ·294 | ·289 | 78·2 | 87·6 | 91·5 | 81·3 | 84·4 | 93·5 | 74·9 | 18·6 | 7·1 | 158·2 | 64·7 | 74·8 | 0·1 | ENE | E | E | NE | 141·8 |
| 5 | ·243 | ·271 | ·142 | ·221 | ·213 | 80·1 | 88·1 | 91·3 | 84·1 | 85·7 | 91·3 | 78·5 | 12·8 | 4·0 | 153·2 | 61·9 | 75·6 | 2·9 | Calm | S | N | E | 48·7 |
| 6 | ·201 | ·255 | ·141 | ·232 | ·201 | 77·2 | 86·2 | 83·3 | 81·7 | 81·9 | 90·7 | 76·2 | 14·5 | 5·6 | 154·0 | 63·3 | 75·6 | 0·6 | SSW | E | ESE | E | 99·7 |
| 7 | ·218 | ·231 | ·157 | ·213 | ·199 | 80·2 | 85·4 | 81·3 | 81·3 | 81·8 | 88·7 | 79·6 | 9·1 | 4·3 | 149·2 | 60·5 | 77·8 | 1·8 | E | ENE | SSE | ENE | 172·5 |
| 8 | ·218 | ·230 | ·114 | ·197 | ·184 | 79·2 | 88·3 | 90·2 | 84·3 | 85·3 | 91·7 | 77·4 | 14·3 | 5·3 | 157·2 | 65·5 | 77·2 | 0·2 | E | WNW | W | E | 96·5 |
| 9 | ·188 | ·209 | ·099 | ·137 | ·152 | 79·4 | 83·5 | 88·7 | 83·3 | 83·5 | 88·7 | 76·6 | 12·1 | 1·9 | 149·3 | 60·6 | 76·0 | 0·6 | SW | WSW | NW | WSW | 114·9 |
| 10 | ·099 | ·134 | ·032 | ·101 | ·086 | 79·2 | 84·3 | 85·3 | 82·1 | 82·5 | 89·9 | 78·5 | 11·4 | 1·9 | 152·9 | 63·0 | 76·5 | 2·0 | WSW | N | N | NW | 114·0 |
| 11 | ·014 | ·037 | 28·913 | 28·993 | 28·983 | 80·2 | 84·1 | 88·3 | 80·6 | 83·1 | 88·3 | 78·5 | 9·8 | 4·5 | 144·2 | 55·9 | 77·4 | 1·1 | N | NE | N | ENE | 185·5 |
| 12 | 28·967 | ·035 | ·993 | 29·100 | 29·018 | 76·7 | 84·2 | 86·2 | 81·3 | 81·9 | 87·4 | 75·8 | 11·6 | 2·0 | 135·3 | 47·9 | 75·8 | 0 | E | SSE | SE | ENE | 190·5 |
| 13 | 29·090 | ·155 | 29·067 | ·171 | ·115 | 80·0 | 86·0 | 89·3 | 80·7 | 83·8 | 91·4 | 79·1 | 12·3 | 6·6 | 155·4 | 64·0 | 76·0 | 3·1 | SSE | SSW | SE | ENE | 62·1 |
| 14 | ·137 | ·182 | ·097 | ·189 | ·145 | 80·2 | 84·8 | 89·1 | 83·4 | 84·2 | 89·3 | 78·6 | 10·7 | 8·2 | 150·0 | 60·7 | 76·6 | 2·0 | NE | ENE | ENE | ENE | 317·6 |
| 15 | ·197 | ·232 | ·189 | ·314 | ·227 | 78·2 | 84·3 | 85·4 | 80·2 | 81·8 | 88·1 | 77·4 | 10·7 | 7·0 | 147·6 | 59·5 | 76·5 | 0·9 | E | ENE | ESE | E | 442·5 |
| 16 | ·348 | ·386 | ·308 | ·372 | ·348 | 76·4 | 85·8 | 92·3 | 82·5 | 84·0 | 92·4 | 75·4 | 17·0 | 12·9 | 153·5 | 61·1 | 72·0 | 3·4 | ENE | S | S | SW | 188·1 |
| 17 | ·406 | ·434 | ·321 | ·368 | ·376 | 79·2 | 87·7 | 93·8 | 85·3 | 86·3 | 94·3 | 77·6 | 16·7 | 13·4 | 153·5 | 59·2 | 71·9 | 5·7 | W | WNW | WNW | SW | 152·3 |
| 18 | ·345 | ·355 | ·248 | ·284 | ·302 | 82·2 | 85·3 | 92·3 | 84·7 | 85·9 | 92·3 | 81·1 | 11·2 | 6·5 | 157·2 | 64·9 | 77·7 | 3·4 | WNW | WNW | WNW | WSW | 225·3 |
| 19 | ·248 | ·265 | ·160 | ·247 | ·224 | 83·0 | 89·6 | 95·3 | 80·1 | 86·8 | 96·7 | 82·0 | 14·7 | 6·8 | 167·2 | 70·5 | 78·8 | 3·2 | W | WNW | WNW | SSE | 176·5 |
| 20 | ·218 | ·261 | ·167 | ·264 | ·222 | 80·5 | 81·4 | 82·4 | 80·0 | 80·9 | 84·4 | 79·1 | 5·3 | 0·7 | 117·1 | 32·7 | 77·4 | 1·7 | W | NNW | SW | SW | 130·4 |
| 21 | ·246 | ·280 | ·202 | ·281 | ·246 | 79·2 | 86·0 | 84·0 | 80·2 | 82·2 | 92·6 | 78·4 | 14·2 | 4·4 | 159·0 | 66·4 | 75·8 | 2·6 | WNW | WNW | WNW | W | 102·8 |
| 22 | ·278 | ·304 | ·180 | ·268 | ·252 | 78·3 | 87·3 | 95·3 | 84·2 | 86·1 | 95·3 | 77·2 | 18·1 | 10·2 | ? | ? | 75·6 | 1·6 | Calm | ENE | N | N | 81·7 |
| 23 | ·243 | ·264 | ·160 | ·253 | ·224 | 83·4 | 90·1 | 90·3 | 80·8 | 86·0 | 95·5 | 82·4 | 13·1 | 7·3 | 162·3 | 66·8 | 79·6 | 2·8 | E | ESE | W | NW | 99·7 |
| 24 | ·226 | ·236 | ·108 | ·193 | ·185 | 80·2 | 88·3 | 91·3 | 83·3 | 85·6 | 93·8 | 77·6 | 16·2 | 8·0 | 153·4 | 59·6 | 76·8 | 0·8 | NE | N | SE | N | 63·0 |
| 25 | ·174 | ·215 | ·082 | ·148 | ·149 | 81·3 | 85·3 | 83·7 | 82·3 | 83·0 | 89·9 | 79·6 | 10·3 | 6·9 | 151·4 | 61·5 | 77·0 | 2·6 | NNE | ENE | ENE | ENE | 203·4 |
| 26 | ·124 | ·172 | ·082 | ·188 | ·136 | 80·7 | 87·3 | 90·3 | 84·3 | 85·4 | 91·1 | 79·7 | 11·4 | 7·5 | 150·2 | 59·1 | 77·6 | 2·1 | ENE | ENE | E | E | 240·4 |
| 27 | ·190 | ·225 | ·138 | ·230 | ·190 | 81·0 | 88·2 | 90·3 | 82·3 | 85·2 | 92·2 | 79·3 | 12·9 | 8·9 | 158·8 | 66·6 | 76·1 | 3·2 | Calm | SSE | SE | W | 116·1 |
| 28 | ·173 | ·201 | ·149 | ·217 | ·179 | 81·4 | 88·3 | 82·3 | 78·2 | 82·4 | 91·4 | 79·1 | 12·3 | 4·3 | 163·1 | 71·7 | 77·8 | 1·3 | WNW | ENE | WNW | N | 81·1 |
| 29 | ·171 | ·198 | ·072 | ·169 | ·146 | 79·2 | 85·3 | 86·3 | 78·2 | 82·0 | 86·4 | 77·0 | 9·4 | 2·5 | 153·2 | 66·8 | 75·8 | ·2 | E | E | E | W | 149·3 |
| 30 | ·172 | ·249 | ·168 | ·258 | ·206 | 78·2 | 81·1 | 87·1 | 79·2 | 81·2 | 87·4 | 77·2 | 10.2 | 1·2 | 145·1 | 57·7 | 77·2 | 0 | SSE | SW | W | SSE | 138·0 |
| 31 | ·244 | ·279 | ·180 | ·260 | ·235 | 79·1 | 82·3 | 85·3 | 78·8 | 81·2 | 86·8 | 78·3 | 8·5 | 1·6 | 144·2 | 57·4 | 75·9 | 2·4 | W | SW | WSW | SW | 163·9 |
| Mean | 29·213 | 29·247 | 29·144 | 29·227 | 29·202 | 79·7 | 85·5 | 88·4 | 81·8 | 83·7 | 90·7 | 78·3 | 12·5 | Total 166·7 | 151·0 | 60·4 | 76·4 | 1·8 | ... | ... | ... | ... | 148·4 |

*N. B.*—A further correction of + ·04 is to be applied to each of the barometric readings from January 1886 to July 1887.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 75·5 | 79·2 | 80·4 | 79·9 | 78·8 | 75·2 | ·802 | ·957 | ·870 | ·925 | ·888 | ·799 | 75 | 87 | 56 | 72 | 72 | 75 | 0·02 | 10 | 10 | 10 | 4 | Pk. Pc. *o. g.* | Pk. C. c. *o. g. d.* | C. Cs. *c.* |
| 2 | 76·2 | 77·2 | 80·2 | 79·3 | 78·2 | 75·1 | ·888 | ·922 | ·970 | ·976 | ·939 | ·853 | 94 | 95 | 81 | 91 | 90 | 93 | 0·48 | 10 | 10 | 10 | 7 | Pc. o. | Pc. Ck. Pk. *o. d.* | Ck. Cs. *c. o.* |
| 3 | 77·2 | 79·7 | 81·2 | 79·2 | 79·3 | 76·1 | ·924 | ·941 | ·930 | ·986 | ·945 | ·903 | 96 | 78 | 63 | 96 | 83 | 99 | 3·42 | 10 | 7 | 9 | 9 | Pk.Cs. o. | Fk. Ck. Pk. K. *c.* | Pk.Pc. *c.o.r.* |
| 4 | 77·2 | 82·2 | 82·8 | 79·2 | 80·4 | 74·7 | ·922 | 1·029 | 1·005 | ·971 | ·982 | ·859 | 95 | 78 | 69 | 91 | 83 | 99 | 0·78 | 9 | 8 | 8 | 9 | Ck. Pc. *c.* | Ck. Fk. Pk. K. *c.* | Pk. Ck. *c. o. d.* |
| 5 | 78·4 | 82·7 | 80·7 | 81·2 | 80·8 | 77·2 | ·950 | 1·047 | ·905 | 1·027 | ·982 | ·918 | 92 | 78 | 62 | 87 | 80 | 94 | 0·14 | 2 | 9 | 10 | 4 | Ck. *c.* | C. Cs. K. Pc. *c. o. r.* | Pc. Cs. Ck. *c. o.* |
| 6 | 76·4 | 79·6 | 80·8 | 79·2 | 79·0 | 75·1 | ·900 | ·923 | 1·019 | ·966 | ·952 | ·858 | 96 | 74 | 89 | 89 | 87 | 95 | 0·45 | 9 | 9 | 10 | 6 | Ck. Pc. *c. r.* | Ck. Fk. Pk. Pc. *c.o.g.d* | Pc. Ck. C. *c.* |
| 7 | 78·2 | 80·5 | 79·3 | 79·2 | 79·3 | 78·6 | ·940 | ·976 | ·976 | ·971 | ·966 | ·966 | 91 | 79 | 91 | 91 | 88 | 96 | 0·40 | 9 | 9 | 10 | 10 | Pk. Ck. *c.* | Ck. Fk. K. Pk. *c. o. r.* | Pk Cs. *c. o. g.* |
| 8 | 78·5 | 82·2 | 83·6 | 82·3 | 81·6 | 76·7 | ·967 | 1·019 | 1·063 | 1·078 | 1·032 | ·911 | 97 | 76 | 75 | 91 | 85 | 97 | 0·04 | 9 | 9 | 10 | 9 | Pc. Ck. *c.* | K. Pk. Pc. *c. o.* | Pk. Pc. Ck. *c. o.* |
| 9 | 78·2 | 80·3 | 83·1 | 81·2 | 80·7 | 75·5 | ·951 | ·992 | 1·058 | 1·038 | 1·010 | ·870 | 94 | 86 | 78 | 91 | 87 | 95 | 0·04 | 10 | 10 | 9 | 3 | Pk. *o. g.* | Pk. K. Pc. *c. o. g.* | C. Fk. Cs. *c.* |
| 10 | 77·7 | 80·3 | 81·1 | 80·2 | 79·8 | 76·4 | ·931 | ·981 | 1·006 | 1·006 | ·981 | ·883 | 93 | 83 | 82 | 91 | 87 | 91 | ... | 10 | 10 | 10 | 10 | Pk. *o. g.* D | Pk. Cs. Pc *o. g.* | Pk. Pc. Cs. *o. g. r.* |
| 11 | 78·5 | 79·2 | 82·2 | 78·0 | 79·5 | 77·6 | ·953 | ·933 | 1·019 | ·926 | ·958 | ·936 | 92 | 79 | 76 | 89 | 84 | 96 | 0·53 | 6 | 10 | 10 | 6 | Ck. C. Fk. *c.* | Pk. *o. g. p.* | Pc. Pk. *c.* |
| 12 | 76·2 | 79·2 | 82·0 | 79·2 | 79·2 | 75·4 | ·899 | ·932 | 1·037 | ·971 | ·960 | ·876 | 98 | 79 | 83 | 91 | 88 | 98 | 0·23 | 10 | 10 | 8 | 6 | Pc. Pk. *o. d.* | Pk. Fk. Cs. *c. o. g.* | Pk. Pc. Cs. *c. o. g.* |
| 13 | 78·8 | 81·0 | 81·2 | 79·1 | 80·0 | 78·0 | ·970 | ·992 | ·757 | ·974 | ·923 | ·946 | 95 | 80 | 69 | 93 | 84 | 95 | 0·02 | 2 | 10 | 10 | 6 | Ck. *c.* | Pk. Fk. Ck. *c. s. o.* | Pk. Ck *c. o. g.* |
| 14 | 78·2 | 79·2 | 79·6 | 78·2 | 78 8 | 77·4 | ·940 | ·923 | ·884 | ·897 | ·911 | ·926 | 91 | 77 | 65 | 78 | 78 | 94 | 0·04 | 8 | 9 | 5 | 10 | C Cs. Ck *c* | Pk. Fk. K. *c.* | Pk. Ck. *c. d.* |
| 15 | 76·7 | 77·9 | 76·1 | 73·2 | 76·0 | 76 2 | ·900 | ·870 | ·776 | ·725 | ·818 | ·889 | 93 | 73 | 63 | 70 | 75 | 94 | 0 06 | 10 | 6 | 8 | 6 | Pk Pc. *o.g.d.* | Fk. K. Pk. *c.p.* | Fk. *c. b.* |
| 16 | 71·9 | 76·1 | 79·2 | 77·2 | 76·1 | 71·4 | ·723 | ·771 | ·821 | ·864 | ·795 | ·716 | 79 | 62 | 54 | 78 | 68 | 81 | ... | 1 | 2 | 5 | 0 | C. Ck. *c.* | Ck. Fk. K. *c.* | Fk. *c. b.* |
| 17 | 75·2 | 77·1 | 78·3 | 76·7 | 76·8 | 75·1 | ·822 | ·789 | ·760 | ·804 | ·794 | ·839 | 82 | 60 | 48 | 66 | 64 | 85 | ... | 1 | 2 | 4 | 0 | C. *c.* | K. Fk. *c.* | Fk. *c. b.* |
| 18 | 76·5 | 77·6 | 79·7 | 78·3 | 78·0 | 76·3 | ·837 | ·844 | ·845 | ·883 | ·852 | ·843 | 76 | 69 | 56 | 74 | 69 | 79 | ... | 10 | 10 | 4 | 5 | Ck. Cs. *o.* | Fk. Cs. K. *c. o.* | Fk. C. Pc. Ck. *c.* |
| 19 | 77·9 | 80·2 | 80·5 | 78·2 | 79·2 | 77·5 | ·889 | ·905 | ·842 | ·941 | ·894 | ·884 | 79 | 65 | 50 | 91 | 71 | 85 | ... | 7 | 9 | 8 | 4 | Ck. Cs. *c.* | Pk. Cs. Ck. C. *c.* | Pc. Ck. Fk. Pk. *c. g. r. t.* |
| 20 | 80·0 | 78·3 | 80·0 | 79·0 | 79·3 | 77·2 | 1·019 | ·928 | ·993 | ·979 | ·980 | ·910 | 98 | 87 | 89 | 96 | 92 | 91 | 0·35 | 7 | 10 | 10 | 2 | Ck. Cs. Fk. *c.* | Pk. Pc. *o. g.* | Pk. Pc. Cs. *c. o. g.* |
| 21 | 78·4 | 81·5 | 79·3 | 79·0 | 79·6 | 77·2 | ·963 | 1·016 | ·939 | ·976 | ·974 | ·919 | 96 | 82 | 80 | 95 | 88 | 9 | ... | 10 | 9 | 9 | 1 | Pk. Pc. Ck. *o.* D | K. Pk. Pc. Cs. *c.* | C. Pc. Cs. *c.* |
| 22 | 77·5 | 82·7 | 82·7 | 80·7 | 80·9 | 76·6 | ·934 | 1·057 | ·948 | 1·002 | ·985 | ·909 | 96 | 82 | 57 | 85 | 80 | 97 | 0·95 | 5 | 8 | 5 | 3 | C. Cs. Ck. *c.* | Fk. C. Pc. *c.* | Fk. C. Pk. Ck. *c.* |
| 23 | 81·5 | 83·7 | 81·2 | 79·2 | 81·4 | 80·1 | 1·051 | 1·069 | ·943 | ·977 | 1·010 | ·998 | 92 | 75 | 66 | 93 | 82 | 90 | 0·31 | 9 | 8 | 8 | 10 | Ck. Cs. *c.* | K. Pk. C. *c. t.* | Pk. Pc. Fk. *c. o.* |
| 24 | 79·2 | 81·2 | 83·2 | 77·8 | 80·4 | 76·2 | ·986 | ·970 | 1·028 | ·880 | ·966 | ·886 | 96 | 73 | 70 | 77 | 79 | 93 | 0·38 | 1 | 6 | 6 | 10 | Cs. Ck. *c.* | K. Fk. C. *c.* | C. Fk. Cs. Pk. *c. o. t. d.* |
| 25 | 79·2 | 79·2 | 79·2 | 78·6 | 79·0 | 77·7 | ·971 | ·916 | ·939 | ·929 | ·939 | ·925 | 91 | 76 | 81 | 84 | 83 | 91 | 0·05 | 2 | 8 | 9 | 3 | Ck. Fk. *c.* | Pk. Pc. Cs. *c.* | C. Cs. *c.* |
| 26 | 79·2 | 81·3 | 84·2 | 80·8 | 81·4 | 78·2 | ·979 | ·989 | 1·092 | 1·005 | 1·016 | ·946 | 93 | 76 | 77 | 85 | 83 | 93 | 0·45 | 10 | 9 | 6 | 10 | Pk. Pc. *o. d.* | Fk. K. Cs. *c.* | Fk. Pc. Pk. Ck. *c. o.* |
| 27 | 79·2 | 82·7 | 82·0 | 80·1 | 81·0 | 78·5 | ·975 | 1·045 | ·982 | ·999 | 1·000 | ·966 | 92 | 78 | 69 | 90 | 82 | 96 | ... | 3 | 6 | 6 | 5 | Cs. Ck. *c.* | Fk. K. Cs. *c.* | Fk. Cs. *c.* |
| 28 | 80·2 | 82·7 | 79·4 | 76 7 | 79·8 | 77·6 | 1·016 | 1·044 | ·967 | ·900 | ·982 | ·928 | 95 | 78 | 87 | 93 | 88 | 93 | 0·27 | 10 | 7 | 10 | 10 | Pc C. *c. t.* | Ck. Fk. Pk. K. *c. o. g.* | Pk. *o. g. d. t.* |
| 29 | 77·7 | 80 2 | 81·0 | 77·2 | 79·0 | 76·1 | ·931 | ·963 | ·988 | ·922 | ·951 | ·890 | 93 | 79 | 79 | 95 | 86 | 96 | 0·25 | 10 | 10 | 10 | 10 | Ck. Fk. Pk. o. | Pk. Fk. Pc. Cs. *o.* | Pk. Fk. *c. o.* |
| 30 | 77·7 | 78·4 | 81·4 | 78·1 | 78·9 | 76·6 | ·944 | 937 | ·996 | ·949 | ·956 | ·909 | 98 | 88 | 77 | 95 | 90 | 97 | 1·40 | 10 | 10 | 10 | 10 | Pk. *o g r* | Pk. Fk. Cs. *c. o. g.* | C. Cs. Pc. Pk. *c. o. d.* |
| 31 | 76·5 | 78·3 | 79·7 | 77·2 | 77·9 | 75·7 | ·879 | ·916 | ·940 | ·914 | ·912 | ·855 | 89 | 83 | 78 | 93 | 86 | 88 | 0·07 | 10 | 10 | 10 | 10 | Pk. *o. g.* D | Pk. Ck. Pc. Cs. K. *o.* | Ck. Pk. C. *o. r.* |
| Mean | 77·7 | 80·1 | 80·8 | 78·8 | 79·4 | 76·6 | ·928 | ·955 | ·945 | ·947 | ·944 | ·894 | 92 | 78 | 72 | 87 | 82 | 92 | Total 11·13 | 7·42 | 8·39 | 8·29 | 6·19 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·253 | 29·115 | 78·7 | 90·6 | 93·8 | 77·8 | 16·0 | 137·7 | 43·9 | 77·6 | 0·2 | NE | NNE | ENE | NE | 82 |
| 2 | ·266 | ·149 | 80·7 | 87·1 | 91·3 | 77·8 | 13·5 | 157·7 | 66·4 | 77·1 | 0·7 | WSW | Calm | W | NNW | 68 |
| 3 | ·300 | ·203 | 77·2 | 78·7 | 87·3 | 75·8 | 11·5 | 137·7 | 50·4 | 75·1 | 0·7 | NNW | NNE | NW | NNW | 164 |
| 4 | ·308 | ·174 | 84·2 | 90·6 | 91·3 | 77·8 | 13·5 | 149·7 | 58·4 | 76·1 | 1·7 | NNW | NNW | NW | NNE | 136 |
| 5 | ·223 | ·104 | 86·6 | 81·7 | 93·8 | 77·8 | 16·0 | 156·7 | 62·9 | 76.1 | 1·7 | NNE | NNE | NE | E | 55 |
| 6 | ·223 | ·115 | 81·7 | 88·8 | 90·3 | 79·8 | 10·5 | 154·7 | 64·4 | 79·1 | 0·7 | NE | ENE | WSW | WNW | 108 |
| 7 | ·217 | ·138 | 85·1 | 87·6 | 91·3 | 77·8 | 13·5 | 150·7 | 59·4 | 76·1 | 1·7 | WNW | WNW | WNW | WNW | 119 |
| 8 | ·193 | ·086 | 86·6 | 92·5 | 93·3 | 79·8 | 13·5 | 153·7 | 60·4 | 79·1 | 0·7 | NNW | NNW | NNW | NNE | 107 |
| 9 | ·147 | ·049 | 86·6 | 87·6 | 90·3 | 80·8 | 9·5 | 163·7 | 73·4 | 79·1 | 1·7 | NNE | NNE | SSE | Calm | 38 |
| 10 | ·102 | ·049 | 83·7 | 88·6 | 91·3 | 80·8 | 10·5 | 137·7 | 46·4 | 78·1 | 2·7 | Calm | SE | E | NE | 89 |
| 11 | ·043 | 28·942 | 88·6 | 87·6 | 91·3 | 76·8 | 14·5 | 146·7 | 55·4 | 76·1 | 0 7 | NE | ENE | N | N | 132 |
| 12 | 28·990 | ·944 | 85·6 | 86·6 | 88·3 | 77·8 | 10·5 | 145·7 | 57·4 | 77·1 | 0·7 | N | N | NE | NE | 246 |
| 13 | 29·103 | 29·025 | 86·1 | 92·5 | 93·8 | 78·8 | 15 0 | 157·7 | 63·9 | 77·1 | 1·7 | NE | ENE | SSE | ESE | 159 |
| 14 | ·151 | ·110 | 86·6 | 89·6 | 92·3 | 77·8 | 14·5 | 150·7 | 58·4 | 75·1 | 2·7 | ESE | ESE | ESE | ESE | 214 |
| 15 | ·223 | ·152 | 83·7 | 88·6 | 89·8 | 78·8 | 11·0 | 144·7 | 54·9 | 77·6 | 1·2 | ESE | ESE | N | NNE | 327 |
| 16 | ·321 | ·265 | 84·6 | 91·6 | 92·3 | 76·8 | 15·5 | 150·7 | 58·4 | 75·1 | 1·7 | NNE | NE | NE | NE | 165 |
| 17 | ·366 | ·256 | 86·6 | 91·6 | 93·3 | 77·8 | 15·5 | 160·7 | 67·4 | 73·0 | 4·8 | ENE | SSE | N | NNE | 146 |
| 18 | ·272 | ·175 | 87·6 | 93·0 | 95·3 | 79·8 | 15·5 | 161·7 | 66·4 | 75·1 | 4·7 | NNE | N | NNE | NNW | 173 |
| 19 | ·215 | ·127 | 84·6 | 89·6 | 92·3 | 80·8 | 11·5 | 155·7 | 63·4 | 79·1 | 1·7 | NNW | NNW | N | NNE | 155 |
| 20 | ·215 | ·103 | 85·6 | 91·6 | 92·3 | 81·3 | 11·0 | 155·7 | 63·4 | 80·1 | 1·2 | N | NE | NNE | N | 90 |
| 21 | ·224 | ·169 | 91·1 | 80·7 | 95·8 | 80·0 | 15·8 | 159·7 | 63·9 | 78·1 | 2·7 | Calm | NE | SSW | Calm | 89 |
| 22 | ·264 | ·183 | 90·1 | 84·6 | 91·8 | 77·8 | 14·0 | 149·7 | 57·9 | 76·1 | 1·7 | Calm | WNW | NW | Calm | 39 |
| 23 | ·223 | ·163 | 91·6 | 80·7 | 93·3 | 79·8 | 13·5 | 146·7 | 53·4 | 77·1 | 2·7 | NW | ENE | SSW | SSW | 60 |
| 24 | ·258 | ·137 | 85·1 | 90 6 | 94·3 | 76·8 | 17·5 | 137·7 | 43·4 | 76·1 | 0·7 | SSW | SW | WSW | W | 68 |
| 25 | ·207 | ·121 | 88·6 | 92·5 | 94·8 | 79·8 | 15·0 | 140·7 | 45·9 | 77·1 | 2·7 | W | W | NNW | N | 54 |
| 26 | ·155 | ·075 | 88·6 | 92·5 | 94·3 | 79·8 | 14·5 | 151·7 | 57·4 | 77·1 | 2·7 | Calm | Calm | Calm | Calm | 0 |
| 27 | ·198 | ·102 | 91·1 | 96·5 | 97·3 | 80·8 | 16·5 | 153·7 | 56·4 | 78·1 | 2·7 | Calm | Calm | N | ENE | 27 |
| 28 | ·181 | ·087 | 86·1 | 86·6 | 95·3 | 80·3 | 15·0 | 157·7 | 62·4 | 79·1 | 1·2 | ENE | NNW | WNW | ENE | 58 |
| 29 | ·183 | ·069 | 86·6 | 91·1 | 92·3 | 76·8 | 15·5 | 153·7 | 61·4 | 75·1 | 1·7 | Calm | NNE | NNW | NW | 75 |
| 30 | ·179 | ·119 | 82·2 | 84·2 | 86·8 | 78 8 | 8·0 | 143·7 | 56·9 | 77·6 | 1·2 | NNW | N | N | N | 143 |
| 31 | ·215 | ·107 | 82·7 | 87·6 | 89·3 | 77·8 | 11·5 | 141·7 | 52·4 | 77·1 | 0·7 | NE | ENE | NNW | NNW | 105 |
| Mean | 29·207 | 29·117 | 85·6 | 88·5 | 92·3 | 78·7 | 13·5 | 150·7 | 58·3 | 77·0 | 1·8 | ... | ... | ... | ... | 112·6 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 75·9 | 80·9 | 74·5 | ·858 | ·925 | ·811 | 87 | 65 | 84 | 0·06 | 10 | 7 | Pc. P. *r.* | Pk. *p.* | K. P. *r.* ≤ *t.* |
| 2 | 77·9 | 80·9 | 75·5 | ·920 | ·972 | ·853 | 87 | 76 | 89 | 0.60 | 10 | 8 | Pc. | Pk. | K. P. *r.* ≤ *t.* |
| 3 | 75·9 | 76·9 | 74·5 | ·879 | ·902 | ·838 | 93 | 91 | 93 | 0·87 | 10 | 10 | P. *r.* | P. *r.* | P. *r.t.* ≤ / |
| 4 | 79·9 | 81·9 | 75·5 | ·963 | ·973 | ·853 | 81 | 68 | 89 | 0·22 | 8 | 4 | Pk. | K. | K. |
| 5 | 80·9 | 76·9 | 76·5 | ·979 | ·861 | ·897 | 78 | 79 | 93 | ... | 7 | 8 | Pk. | Pc. | Pc. *t.* ≤ |
| 6 | 77·9 | 80·4 | 76·5 | ·906 | ·925 | ·870 | 83 | 68 | 85 | ... | 9 | 7 | Pc. | Pc. | Pc. P. *r. t.* ≤ |
| 7 | 79·9 | 81·9 | 74·5 | ·952 | 1·014 | ·811 | 79 | 78 | 84 | 0·46 | 10 | 8 | Pc. | Pc. / | Pc. ≤ |
| 8 | 81·9 | 83·9 | 77·5 | 1·026 | 1·047 | ·913 | 82 | 69 | 89 | ... | 8 | 7 | Pc. | Pc. | Pc. P. *r. t.* ≤ |
| 9 | 81·9 | 82·9 | 79·5 | 1·027 | 1·063 | ·991 | 82 | 82 | 93 | 0·04 | 10 | 6 | Pc. | Pk. | K. |
| 10 | 80·4 | 81·9 | 78·5 | ·994 | 1·000 | ·946 | 85 | 75 | 89 | ... | 10 | 8 | Pc. | Pc. | Pc. P. *r.* ≤ *t.* |
| 11 | 80·4 | 81·9 | 74·5 | ·928 | 1·014 | ·827 | 69 | 78 | 89 | 0·82 | 8 | 10 | P. *r* | P. *r.* | Pc. P. / ≤ *r.t.* |
| 12 | 79·9 | 79·9 | 75·5 | ·945 | ·931 | ·853 | 78 | 74 | 89 | 0·40 | 10 | 7 | Pc. / | Pc. / | Pc. K. |
| 13 | 80·4 | 80·9 | 77·5 | ·962 | ·898 | ·927 | 78 | 59 | 93 | ... | 6 | 5 | Pk. | Pk. / | Pk. |
| 14 | 78·9 | 78·9 | 75·5 | ·885 | ·844 | ·853 | 70 | 61 | 89 | 0·26 | 8 | 8 | Pc. P. *r.* | P. K. *r.* / | K. / ≤ |
| 15 | 76·9 | 77·9 | 75·5 | ·834 | ·812 | ·839 | 72 | 61 | 85 | ... | 9 | 8 | Pc. / | Pc. / | Pk. / ≤ |
| 16 | 75·0 | 78·1 | 71·5 | ·740 | ·781 | ·702 | 62 | 52 | 75 | ... | 4 | 6 | K. | K. | K. |
| 17 | 77·9 | 77·9 | 74·5 | ·839 | ·772 | ·811 | 67 | 52 | 84 | ... | 5 | 5 | K. | K. / | K. |
| 18 | 79·9 | 78·9 | 76·0 | ·918 | ·798 | ·848 | 71 | 52 | 82 | ... | 8 | 8 | K. | K. | Pk. ≤ |
| 19 | 78·9 | 80·9 | 76·5 | ·912 | ·938 | ·856 | 77 | 68 | 81 | ... | 10 | 7 | Pc. | Pk. | Pk. ≤ |
| 20 | 79·9 | 82·9 | 77·5 | ·945 | 1·009 | ·893 | 78 | 69 | 83 | ... | 10 | 7 | P. | Pk. | K. |
| 21 | 81·9 | 77·9 | 78·5 | ·966 | ·920 | ·946 | 67 | 87 | 89 | 0·03 | 7 | 10 | Pk. | Pc. | Pc. P. *r.* ≤ *t.* |
| 22 | 82·9 | 79·9 | 75·5 | 1·029 | ·960 | ·853 | 73 | 81 | 89 | ... | 6 | 8 | Pk. *t.* ≤ | Pk. | K. |
| 23 | 82·9 | 77·9 | 78·5 | 1·009 | ·920 | ·959 | 69 | 87 | 93 | ·64 | 7 | 8 | Pc. *t.* ≤ | P. *r.* | Pc. ≤ |
| 24 | 80·9 | 82·9 | 76·5 | ·999 | 1·023 | ·910 | 83 | 72 | 98 | 0·08 | 8 | 8 | Pc. | P. *r.* | K. |
| 25 | 79·9 | 83·9 | 78·5 | ·904 | 1·047 | ·959 | 68 | 69 | 93 | ... | 8 | 6 | Pc. | Pk. | Pc. P. *r.* |
| 26 | 80·4 | 81·9 | 77·0 | ·901 | ·947 | ·891 | 69 | 62 | 87 | 0·09 | 4 | 6 | K. | K. | K. |
| 27 | 82·9 | 83·9 | 78·5 | 1·016 | ·992 | ·923 | 70 | 58 | 87 | ... | 4 | 6 | K. | K. | K. |
| 28 | 81·9 | 78·9 | 77·5 | 1·034 | ·885 | ·907 | 84 | 70 | 87 | 0·58 | 8 | 9 | P. *t. r.* ≤ | P. *r.* | P. *r. t.* ≤ |
| 29 | 80·9 | 82·9 | 74·5 | ·979 | 1·016 | ·824 | 78 | 70 | 89 | 0·28 | 8 | 8 | Pc. | Pk. | K. |
| 30 | 79·9 | 81·9 | 76·5 | ·991 | 1·070 | ·883 | 89 | 89 | 89 | 0·14 | 8 | 9 | P. *r. t.* ≤ | P. *r.* | P. *r. p.* |
| 31 | 78·9 | 81·9 | 76·5 | ·938 | 1·013 | ·897 | 83 | 78 | 93 | ... | 10 | 8 | Pc. | Pc. | Pc. *p.* |
| Mean | 79·8 | 80·7 | 76·3 | ·941 | ·944 | ·876 | 77 | 71 | 88 | Total 6·57 | 8·00 | 7·42 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·751 | 28 810 | 28·682 | 28·707 | 28·738 | 91·5 | 100·2 | 107 7 | 98·2 | 99·4 | 108·1 | 88·3 | 19·8 | 7·5 | 164·0 | 55·9 | 85·5 | 2·8 | W | Calm | SW | W | 58·2 |
| 2 | ·698 | ·766 | ·665 | ·718 | ·712 | 91·2 | 97·2 | 107·2 | 97·2 | 98·2 | 107·9 | 87·8 | 20·1 | 6·2 | 163·0 | 55·1 | 84·5 | 3·3 | SW | W | S | S | 85·1 |
| 3 | ·758 | ·858 | ·825 | ·896 | ·834 | 89·0 | 91·2 | 92·2 | 83·2 | 88·9 | 94·6 | 86·8 | 7·8 | 0 | 121·0 | 26·4 | 87·5 | 1·3 | ESE | SE | SE | E | 215·6 |
| 4 | ·896 | ·933 | ·795 | ·819 | ·861 | 76·2 | 87·2 | 96·0 | 86·7 | 86·5 | 96 1 | 75·4 | 20·7 | 8·2 | 146·0 | 49·9 | 74·6 | 0·8 | SE | SE | SE | Calm | 86·4 |
| 5 | ·815 | ·839 | ·697 | ·731 | ·770 | 82·7 | 84·7 | 94·0 | 84·7 | 86·5 | 97·1 | 81·8 | 15·3 | 7·5 | 156·0 | 58·9 | 79·5 | 2·3 | S | E | Calm | E | 52·3 |
| 6 | ·701 | ·775 | ·702 | ·819 | ·749 | 82·2 | 87·7 | 91·6 | 80·8 | 85·6 | 94·7 | 80·4 | 14·3 | 9·2 | 162·5 | 67·8 | 77·5 | 2·9 | SE | NW | E | E | 73·3 |
| 7 | ·844 | ·908 | ·827 | ·857 | ·859 | 78·2 | 88·7 | 92·7 | 83·5 | 85·8 | 94·1 | 76·9 | 17·2 | 9·8 | 161·0 | 66·9 | 72·6 | 4·3 | Calm | E | E | Calm | 168·5 |
| 8 | ·865 | ·865 | ·736 | ·716 | ·796 | 80·2 | 93·2 | 100·8 | 92·2 | 91·6 | 102·6 | 79·4 | 23·2 | 11·8 | 164·0 | 61·4 | 76·5 | 2·9 | Calm | SW | Calm | W | 38·1 |
| 9 | ·724 | ·753 | ·608 | ·617 | ·676 | 85·7 | 99·7 | 104·2 | 91·7 | 95·3 | 106·7 | 83·8 | 22·9 | 12·2 | 170·0 | 63·3 | 79·5 | 4·3 | Calm | N | Calm | Calm | 40·7 |
| 10 | ·575 | ·614 | ·501 | ·560 | ·563 | 89 0 | 100·7 | 109·2 | 94·2 | 98·3 | 110·1 | 85·8 | 24·3 | 10·0 | 171·0 | 60·9 | 83·5 | 2·3 | W | W | S | E | 60·1 |
| 11 | ·596 | ·689 | ·631 | ·673 | ·647 | 83·2 | 88·2 | 94·2 | 87·2 | 88 2 | 95 1 | 79·8 | 15·3 | 6·5 | 155·0 | 59·9 | 79·5 | 0·3 | E | SE | SE | E | 238·3 |
| 12 | ·670 | ·709 | ·613 | ·648 | ·650 | 82·7 | 92·2 | 100·6 | 91·2 | 91·7 | 101·8 | 80·8 | 21·0 | 4·8 | 157·0 | 55·2 | 79·3 | 1·5 | Calm | SW | W | E | 97·7 |
| 13 | ·671 | ·752 | ·660 | ·758 | ·710 | 86·2 | 93·2 | 101·4 | 92·2 | 93·2 | 102·9 | 84·3 | 18·6 | 8 5 | 163·0 | 60·1 | 83·5 | 0·8 | E | SE | N | SE | 100·3 |
| 14 | ·810 | ·904 | ·796 | ·831 | ·835 | 86·2 | 91·2 | 98·2 | 91·7 | 91·8 | 99·7 | 83·8 | 15·9 | 7·0 | 171·0 | 71·3 | 80·7 | 3·1 | Calm | NE | Calm | E | 56·0 |
| 15 | ·857 | ·906 | ·796 | ·841 | ·850 | 83·4 | 96·4 | 104·4 | 92·2 | 94·1 | 104·3 | 82·8 | 21·5 | 11·1 | 167·0 | 62·7 | 78·5 | 4·3 | Calm | SE | W | E | 60·8 |
| 16 | ·833 | ·911 | ·873 | ·906 | ·881 | 88·4 | 89·7 | 93·2 | 85·7 | 89·2 | 95·9 | 85·6 | 10·3 | 2·0 | 153·0 | 57·1 | 85·5 | 0·1 | SE | E | E | E | 131·5 |
| 17 | ·899 | ·978 | ·880 | ·896 | ·913 | 82·7 | 91·2 | 99·0 | 88·2 | 90·3 | 100·1 | 81·6 | 18·5 | 10·1 | 164·0 | 63·9 | 78·5 | 3·1 | E | E | W | NE | 139·0 |
| 18 | ·856 | ·876 | ·764 | ·769 | ·816 | 84·7 | 95·2 | 99·7 | 92·2 | 93·0 | 101·3 | 80·8 | 20·5 | 4·7 | 162·8 | 61·5 | 79·5 | 1·3 | Calm | W | W | Calm | 91·5 |
| 19 | ·751 | ·790 | ·677 | ·707 | ·731 | 87·2 | 96·2 | 104·8 | 95·2 | 95 8 | 105·9 | 85 8 | 20·1 | 7·1 | 166·0 | 60·1 | 81·5 | 4·3 | W | W | W | SE | 101·7 |
| 20 | ·737 | ·788 | ·742 | ·799 | ·767 | 90·2 | 91·7 | 90·2 | 83·0 | 88 8 | 95 9 | 84·3 | 11·6 | 0 | 150·0 | 54·1 | 86·8 | 0·5 | SE | Calm | SE | E | 131·0 |
| 21 | ·814 | ·931 | ·839 | ·853 | ·859 | 80·6 | 82·2 | 92·2 | 84·7 | 84·9 | 93·6 | 75·9 | 17·7 | 3·5 | 162·0 | 68·4 | 74·6 | 1·3 | E | SE | SE | Calm | 159·0 |
| 22 | ·850 | ·897 | ·793 | ·802 | ·836 | 81·7 | 94·2 | 100·7 | 89·7 | 91·6 | 100 9 | 80·3 | 20·6 | 10·4 | 171·5 | 70·6 | 76·5 | 3·8 | Calm | SE | ESE | Calm | 30·0 |
| 23 | ·770 | ·813 | ·708 | ·741 | ·758 | 88·2 | 98·2 | 87·8 | 87·2 | 90·3 | 103·1 | 86·8 | 16·3 | 3·4 | 169·0 | 65·9 | 83·8 | 3·0 | Calm | S | E | E | 45·4 |
| 24 | ·716 | ·787 | ·733 | ·767 | ·751 | 82·7 | 93·2 | 91 2 | 88·0 | 88·8 | 98·1 | 80·8 | 17·3 | 3·7 | 159·5 | 61·4 | 77·5 | 3·3 | Calm | SE | SE | E | 80·3 |
| 25 | ·786 | ·840 | ·757 | ·757 | ·785 | 81·2 | 81·2 | 93·2 | 86·4 | 85·5 | 94·1 | 78·9 | 15·2 | 4·3 | 157·2 | 63·1 | 79·5 | 0·8 | E | E | E | E | 90·3 |
| 26 | ·729 | 803 | ·718 | ·805 | ·764 | 83·0 | 88·2 | 94·2 | 86·7 | 88·0 | 96·6 | 81·3 | 15·3 | 10·5 | 158·0 | 61·4 | 80·0 | 1·3 | Calm | E | E | E | 123·5 |
| 27 | ·793 | ·874 | ·775 | ·828 | ·818 | 80·0 | 82·4 | 93·2 | 85·5 | 85·3 | 94·6 | 78·9 | 15·7 | 2·6 | 155·0 | 60·4 | 76·5 | 2·4 | Calm | Calm | Calm | Calm | 74·7 |
| 28 | ·815 | ·815 | ·701 | ·704 | ·759 | 81·2 | 92·0 | 97·1 | 87·7 | 89·5 | 98·1 | 79·8 | 18·3 | 7·3 | 161·5 | 63·4 | 77·5 | 2·3 | Calm | Calm | WNW | Calm | 28·2 |
| 29 | ·705 | ·766 | ·707 | ·795 | ·743 | 84·7 | 89·4 | 97·2 | 84·2 | 88·9 | 100·4 | 77·9 | 22·5 | 7·8 | 161·0 | 60·6 | 76·5 | 1·4 | E | E | E | E | 64·6 |
| 30 | ·787 | ·845 | ·750 | ·811 | ·798 | 81·2 | 91·2 | 86·2 | 85·0 | 85·9 | 97·7 | 79·8 | 17·9 | 6·3 | 168·0 | 70·3 | 78·0 | 1·8 | Calm | E | Calm | Calm | 74·0 |
| 31 | ·791 | ·819 | ·755 | ·767 | ·783 | 82·2 | 92·9 | 83·2 | 83·2 | 85·4 | 97·6 | 81·6 | 16·0 | 5·8 | 173·0 | 75·4 | 78·8 | 2·8 | Calm | SW | Calm | Calm | 50·0 |
| Mean | 28 770 | 28 826 | 28·732 | 28·771 | 28 775 | 84·1 | 91·6 | 96·7 | 88·4 | 90·2 | 99·7 | 81·9 | 17·8 | Total 209·8 | 160·7 | 61·1 | 79·8 | 2·3 | ... | ... | ... | ... | 9 1· |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 75·4 | 79·3 | 79·3 | 76·3 | 77·6 | 74·6 | ·666 | ·719 | ·617 | ·611 | ·653 | ·673 | 45 | 37 | 25 | 33 | 35 | 51 | ... | 5 | 4 | 3 | 0 | Pc. ∞ | Pc.Pk. ∞ | ∞ |
| 2 | 75·7 | 79·3 | 80·3 | 77·3 | 78·2 | 74·8 | ·680 | ·759 | ·670 | ·669 | ·695 | ·689 | 46 | 43 | 28 | 38 | 39 | 46 | ... | 0 | 0 | 4 | 4 | ∞ | Pc. ∞ | Pc. ∞ |
| 3 | 79·0 | 79·3 | 78·3 | 77·8 | 78·6 | 75·7 | ·857 | ·841 | ·782 | ·881 | ·840 | ·740 | 63 | 57 | 51 | 77 | 62 | 58 | ... | 10 | 10 | 10 | 10 | Pc. *o.* ∞ | Pc.*o.* ∞ | Pc. *o.* |
| 4 | 75·2 | 80·8 | 81·3 | 80·3 | 79·4 | 74·3 | ·862 | ·966 | ·871 | ·949 | ·912 | ·835 | 95 | 74 | 51 | 74 | 74 | 94 | 0·93 | 10 | 8 | 5 | 8 | Pc. *o.* | Pc.Pk.*o.* | Pk.Ck∞ |
| 5 | 79·3 | 77·3 | 80·3 | 78·3 | 78·8 | 77·2 | ·956 | ·838 | ·850 | ·883 | ·882 | ·875 | 85 | 70 | 53 | 74 | 71 | 81 | ... | 3 | 3 | 5 | 4 | Ck. *c.* | Cs. *c.* | Cs. *c.* |
| 6 | 76·3 | 81·3 | 79·3 | 75·8 | 78·2 | 75·7 | ·828 | ·983 | ·836 | ·825 | ·868 | ·827 | 75 | 74 | 56 | 78 | 71 | 80 | ... | 5 | 10 | 5 | 4 | Ck. *c.* | Pc.*o.* | Pc. *c.* |
| 7 | 75·0 | 77·3 | 78·3 | 77·3 | 77·0 | 73·8 | ·826 | ·784 | ·775 | ·854 | ·810 | ·794 | 86 | 57 | 50 | 75 | 67 | 86 | ... | 5 | 5 | 3 | 3 | Pk. *c.* | Pk. *c.* | Cs. *c.* |
| 8 | 77·3 | 79·3 | 81·3 | 80·3 | 79·6 | 75·7 | ·900 | ·814 | ·785 | ·875 | ·844 | ·840 | 87 | 52 | 41 | 57 | 59 | 85 | ... | 10 | 0 | 0 | 0 | Pc. *o.* | *b.* | *b.* |
| 9 | 79·3 | 81·3 | 82·5 | 81·3 | 81·1 | 77·7 | ·915 | ·820 | ·817 | ·929 | ·870 | ·850 | 74 | 43 | 38 | 62 | 54 | 73 | ... | 3 | 2 | 3 | 0 | Ck. *c.* | Ck.Pk. *c.* | *b.* |
| 10 | 79·3 | 82·8 | 82·3 | 80·3 | 81·2 | 78·2 | ·871 | ·880 | ·739 | ·847 | ·834 | ·864 | 64 | 45 | 29 | 52 | 48 | 70 | ... | 0 | 0 | 2 | 8 | ∞ | Pc. ∞ | Pc.*g.* |
| 11 | 78·3 | 76·8 | 78·9 | 79·3 | 78·3 | 73·8 | ·904 | ·769 | ·782 | ·895 | ·838 | ·754 | 79 | 57 | 48 | 69 | 63 | 74 | ... | 8 | 6 | 5 | 0 | Pc. *g.* | Pc.∞ | *b.* |
| 12 | 79·1 | 81·3 | 81·8 | 80·3 | 80·6 | 77·7 | ·947 | ·922 | ·832 | ·887 | ·897 | ·910 | 85 | 61 | 42 | 60 | 62 | 87 | ... | 5 | 5 | 6 | 0 | Ck. ∞ | Pc. ∞ | ∞ |
| 13 | 79·1 | 81·3 | 82·7 | 79·8 | 80·7 | 77·4 | ·900 | ·908 | ·865 | ·851 | ·881 | ·848 | 72 | 58 | 44 | 56 | 57 | 72 | ... | 0 | 8 | 8 | 0 | ∞ | Pc.Pk.∞ | *b.* |
| 14 | 79·9 | 81·3 | 81·3 | 79·3 | 80·5 | 78·7 | ·937 | ·936 | ·841 | ·834 | ·887 | ·914 | 75 | 63 | 46 | 56 | 60 | 79 | ... | 0 | 8 | 8 | 0 | *b. lr.* | PkPc. *c.* | *b.* |
| 15 | 78·3 | 82·3 | 82·3 | 81·5 | 81·1 | 78·2 | ·901 | ·914 | ·805 | ·932 | ·888 | ·904 | 79 | 53 | 37 | 62 | 58 | 81 | ... | 4 | 3 | 3 | 0 | Ck. *c.* | Cs. Ck.*c.* | *b.* |
| 16 | 79·5 | 79·3 | 81·7 | 79·0 | 79·9 | 78·0 | ·888 | ·861 | ·928 | ·901 | ·894 | ·858 | 66 | 61 | 60 | 74 | 65 | 70 | ... | 3 | 10 | 8 | 0 | Ck. *c.g.* | Pc. *o.g.* | *b.* |
| 17 | 75·9 | 79·3 | 82·1 | 80·3 | 79·4 | 74·8 | ·804 | ·841 | ·868 | ·928 | ·860 | ·772 | 72 | 57 | 46 | 69 | 61 | 72 | ... | 8 | 6 | 6 | 0 | Pk. Pc. *c.* | Pk. *c.* | *b.* |
| 18 | 75·9 | 80·9 | 82·1 | 79·8 | 79·7 | 74·3 | ·777 | ·862 | ·859 | ·852 | ·837 | ·762 | 65 | 51 | 45 | 56 | 54 | 72 | ... | 4 | 8 | 7 | 0 | Ck. ∞ | Pc.Cs.∞ | *b.* |
| 19 | 77·8 | 81·3 | 83·3 | 79·6 | 80·5 | 76·1 | ·827 | ·868 | ·849 | ·801 | ·836 | ·771 | 64 | 50 | 38 | 49 | 50 | 62 | ... | 3 | 6 | 6 | 0 | Ck. *c.* | Pc.Cs.∞ | *lr.* ∞ |
| 20 | 78 3 | 81·8 | 81·3 | 77·8 | 79·8 | 75·4 | ·809 | ·953 | ·949 | ·884 | ·899 | ·761 | 56 | 64 | 66 | 79 | 66 | 64 | ... | 8 | 10 | 10 | 10 | Pc. *o.g.* | Pc. *o.*∞ | Pc.*g.* |
| 21 | 76·8 | 78·3 | 82·3 | 79·0 | 79·1 | 74·6 | ·872 | ·917 | ·971 | ·915 | ·919 | ·841 | 83 | 83 | 64 | 77 | 77 | 94 | ... | 10 | 10 | 6 | 0 | Pc. *o.* | Pc. *o.*∞ | *b.* |
| 22 | 78·3 | 81·9 | 84·3 | 80·3 | 81·2 | 77·2 | ·924 | ·923 | ·956 | ·909 | ·928 | ·894 | 85 | 57 | 48 | 65 | 64 | 87 | ... | 2 | 0 | 3 | 0 | Cs. *c.* | Pk. *c.* | *b.* |
| 23 | 81·3 | 84·8 | 82·3 | 82·3 | 82·7 | 78·9 | ·976 | 1·016 | 1·031 | 1·039 | 1·016 | ·882 | 73 | 55 | 78 | 80 | 72 | 69 | 0·56 | 8 | 4 | 6 | 7 | Pk. *c.* | Pc. Cs. *c.* | Pc. *c.* |
| 24 | 79·3 | 81·5 | 82·3 | 80·3 | 80·9 | 77·7 | ·956 | ·889 | ·984 | ·932 | ·940 | ·909 | 85 | 59 | 67 | 71 | 70 | 87 | ... | 0 | 5 | 8 | 10 | ∞ | Pk.Pc.∞ | Pk.Pc.∞ |
| 25 | 77·8 | 79·3 | 81·3 | 81·1 | 79·9 | 76·5 | ·908 | ·977 | ·908 | ·991 | ·946 | ·881 | 85 | 91 | 58 | 79 | 78 | 89 | 0·08 | 10 | 8 | 8 | 5 | Pk. *o.* | C. *o.* | Pk. *c.* |
| 26 | 80·3 | 79·3 | 83·3 | 80·1 | 80·8 | 75·7 | 1·000 | ·882 | ·993 | ·939 | ·954 | ·815 | 88 | 66 | 61 | 74 | 72 | 77 | ... | 3 | 5 | 0 | 8 | Ck. ∞ | Pc. ∞ | Pc. Pk. *c.* ∞ |
| 27 | 78·3 | 80·7 | 84·3 | 81·3 | 81·2 | 76·7 | ·947 | 1·026 | 1·058 | 1·013 | 1·011 | ·890 | 93 | 92 | 67 | 83 | 84 | 90 | 0·15 | 10 | 10 | 0 | 0 | Pc. Pk. *o.* | Pk. *o.* | *b.* |
| 28 | 79·8 | 84·3 | 85·8 | 81·6 | 82·9 | 77·5 | 1·000 | 1·074 | 1·083 | ·998 | 1·039 | ·915 | 93 | 72 | 61 | 76 | 76 | 89 | ... | 10 | 8 | 7 | 2 | Pc. *o.lr.* | Pc. ∞ | Cs. ∞ |
| 29 | 76·3 | 80·3 | 81·3 | 78·3 | 79·0 | 75·9 | ·794 | ·912 | ·854 | ·890 | ·862 | ·869 | 66 | 66 | 48 | 75 | 64 | 91 | 0·05 | 9 | 4 | 8 | 10 | Pc. *o.lr.* | Pk.Pc.∞ | Pc. *o.* |
| 30 | 79·5 | 81·8 | 83·1 | 83·0 | 81·9 | 77·2 | ·986 | ·960 | 1·092 | 1·103 | 1·035 | ·900 | 92 | 65 | 88 | 91 | 84 | 89 | 0·26 | 10 | 8 | 8 | 2 | Pc. *o.* | Pk. *c.* | Ck. *c.* |
| 31 | 79·3 | 81·1 | 80·8 | 81·3 | 80·6 | 79·5 | ·963 | ·903 | 1 020 | 1·044 | ·982 | ·981 | 87 | 59 | 89 | 91 | 81 | 91 | 0·47 | 5 | 6 | 10 | 0 | Pc. *c.* | Pk. Pc. *o.d.* | *b.* |
| Mean | 78·1 | 80·5 | 81·7 | 79·7 | 80·0 | 76·4 | ·883 | ·894 | ·880 | ·899 | ·889 | ·839 | 76 | 60 | 52 | 68 | 64 | 78 | Total 2·50 | 5·52 | 5·81 | 5·52 | 3·06 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·621 | 28·489 | 86·5 | 90·7 | 95·1 | 76·9 | 18·2 | 151·4 | 56·3 | 71·9 | 5·0 | WNW | WNW | NNW | E | 173 |
| 2 | ·619 | ·533 | 84·1 | 76·7 | 88·2 | 76·2 | 12·0 | 150·1 | 61·9 | 73·7 | 2·5 | SSW | W | NE | WNW | 215 |
| 3 | ·650 | ·531 | 80·7 | 85·0 | 87·1 | 73·4 | 13·7 | 147·0 | 59·9 | 71·5 | 1·9 | SSW | WNW | NNE | Calm | 109 |
| 4 | ·636 | ·499 | 84·2 | 88·7 | 92·4 | 76·0 | 16·4 | 150·0 | 57·6 | 72·9 | 3·1 | SSW | W | SSW | S | 148 |
| 5 | ·580 | ·446 | 82·9 | 83·4 | 87·1 | 75·4 | 11·7 | 153·0 | 65·9 | 73·5 | 1·9 | SSW | SSE | W | SSW | 129 |
| 6 | ·547 | ·467 | 79·1 | 77·9 | 84·1 | 75·6 | 8·5 | 134·4 | 50·3 | 72·7 | 2·9 | WSW | WSW | SW | SSW | 228 |
| 7 | ·584 | ·510 | 77·5 | 81·7 | 84·0 | 73·9 | 10·1 | 124·7 | 40·7 | 70·9 | 3·0 | WSW | WSW | SW | SW | 342 |
| 8 | ·629 | ·527 | 79·1 | 84·2 | 86·2 | 73·1 | 13·1 | 140·8 | 54·6 | 71·6 | 1·5 | SSW | SW | SSW | SSW | 381 |
| 9 | ·620 | ·526 | 79·6 | 79·7 | 82·4 | 73·2 | 9·2 | 139·9 | 57·5 | 70·5 | 2·7 | SSW | SW | SW | SW | 381 |
| 10 | ·567 | ·512 | 76·7 | 73·7 | 79·7 | 73·9 | 5·8 | 103·9 | 24·2 | 71·6 | 2·3 | WSW | WSW | W | WSW | 453 |
| 11 | ·536 | ·464 | 73·0 | 75·1 | 76·1 | 71·9 | 4·2 | 93·1 | 17·0 | 69·7 | 2·2 | WSW | SW | SW | SW | 447 |
| 12 | ·495 | ·426 | 77·0 | 74·2 | 80·7 | 72·4 | 8·3 | 123·4 | 42·7 | 70·6 | 1·8 | SSW | SW | W | SW | 418 |
| 13 | ·510 | ·443 | 78·1 | 78·2 | 81·6 | 74·1 | 7·5 | 117·6 | 36·0 | 70·7 | 3·4 | WSW | WSW | WSW | WSW | 285 |
| 14 | ·458 | ·360 | 75·0 | 74·2 | 76·2 | 73·4 | 2·8 | 96·9 | 20·7 | 71·7 | 1·7 | WSW | WSW | WSW | WSW | 400 |
| 15 | ·438 | ·466 | 71·2 | 72·2 | 73·2 | 71·0 | 2·2 | 101·8 | 28·6 | 69·7 | 1·3 | SSW | SSW | SSW | SSW | 748 |
| 16 | ·683 | ·638 | 77·6 | 77·2 | 84·1 | 69·8 | 14·3 | 141·9 | 57·8 | 67·8 | 2·0 | S | S | SW | SW | 212 |
| 17 | ·763 | ·679 | 81·7 | 87·2 | 88·2 | 71·1 | 17·1 | 146·1 | 57·9 | 64·8 | 6·3 | NW | WSW | WSW | W | 169 |
| 18 | ·748 | ·638 | 80·8 | 82·2 | 85·2 | 73·3 | 11·9 | 141·4 | 56·2 | 68·1 | 5·2 | WNW | WNW | WNW | WSW | 270 |
| 19 | ·641 | ·529 | 81·2 | 86·0 | 87·3 | 74·8 | 12·5 | 148·0 | 60·7 | 70·7 | 4·1 | W | WNW | WNW | WNW | 330 |
| 20 | ·611 | ·510 | 81·0 | 83·0 | 85·3 | 76·0 | 9·3 | 122·8 | 37·5 | 72·8 | 3·2 | WNW | WNW | WNW | WNW | 242 |
| 21 | ·651 | ·540 | 79·7 | 82·2 | 83·6 | 75·1 | 8·5 | 117·8 | 34·2 | 70·9 | 4·2 | W | WNW | WSW | W | 249 |
| 22 | ·650 | ·538 | 77·4 | 83·7 | 85·5 | 73·7 | 11·8 | 152·4 | 66·9 | 71·7 | 2·0 | WSW | WSW | W | WSW | 279 |
| 23 | ·597 | ·505 | 75·0 | 80·2 | 82·6 | 73·9 | 8·7 | 154·1 | 71·5 | 71·7 | 2·2 | WSW | WSW | W | W | 353 |
| 24 | ·559 | ·442 | 79·1 | 86·0 | 86·9 | 75·0 | 11·9 | 142·9 | 56·0 | 73·2 | 1·8 | WSW | WNW | WNW | WSW | 342 |
| 25 | ·516 | ·427 | 78·7 | 77·2 | 79·3 | 75·0 | 4·3 | 94·3 | 15·0 | 72·2 | 2·8 | WSW | W | WSW | WSW | 387 |
| 26 | ·529 | ·471 | 77·8 | 80·7 | 84·6 | 73·4 | 11·2 | 142·0 | 57·4 | 70·7 | 2·7 | WSW | SW | SW | SW | 427 |
| 27 | ·632 | ·530 | 81·9 | 87·5 | 89·3 | 73·4 | 15·9 | 148·2 | 58·9 | 68·7 | 4·7 | SW | WSW | WSW | SW | 337 |
| 28 | ·633 | ·567 | 79·0 | 75·0 | 80·1 | 75·2 | 4·9 | 103·6 | 23·5 | 72·0 | 3·2 | SW | SW | WSW | SSW | 328 |
| 29 | ·640 | ·552 | 74·2 | 78·0 | 78·8 | 72·9 | 5·9 | 110·3 | 31·5 | 71·2 | 1·7 | SW | SW | WSW | SW | 383 |
| 30 | ·670 | ·590 | 78·9 | 81·4 | 83·7 | 73·8 | 9·9 | 145·8 | 62·1 | 71·1 | 2·7 | SW | SW | WSW | SW | 339 |
| 31 | ·689 | ·594 | 79·1 | 83·7 | 84·2 | 74·0 | 10·2 | 133·8 | 49·6 | 69·7 | 4·3 | WSW | WSW | WSW | WNW | 261 |
| Mean | 28·603 | 28·514 | 79·0 | 80·9 | 84·0 | 73·9 | 10·1 | 131·4 | 47·4 | 71·0 | 2·9 | ... | ... | ... | ... | 315·0 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 79·6 | 77·0 | 73·7 | ·920 | ·755 | ·793 | 73 | 52 | 85 | ... | 7 | 8 | Cs. K *c.* | Pc. Pk. *c. t.* | Pc. Pk. *c. t.* |
| 2 | 77·8 | 75·7 | 73·6 | ·881 | ·872 | ·796 | 75 | 95 | 88 | 1·29 | 10 | 10 | Pc. Pk. *o.* | P. *o. t. r.* | P. *o. t. r.* |
| 3 | 76·1 | 77·1 | 71·7 | ·842 | ·828 | ·751 | 81 | 69 | 92 | 0·05 | 10 | 9 | P. Pk. *o.* | C. K. *c.* | Pc. K. *o.* |
| 4 | 78·4 | 77·7 | 74·2 | ·904 | ·806 | ·819 | 77 | 60 | 92 | 1·05 | 9 | 9 | K. Fk. Pk. *c.* | Pc. K. Pk. *c.* | P. Pk. *o. t. r.* |
| 5 | 77·9 | 78·9 | 73·8 | ·897 | ·836 | ·822 | 79 | 81 | 93 | 0·12 | 9 | 9 | C. K. Pk. *c.* | Pc. K. Pk. *c. t.* | C. Pc. K. Pk. *c. t.* |
| 6 | 76·1 | 75·9 | 73·7 | ·861 | ·874 | ·802 | 87 | 91 | 91 | 0·46 | 10 | 10 | P. Pk. *o.* | P. *o. d.* | P. *o. r.* |
| 7 | 76·1 | 77·4 | 71·2 | ·880 | ·891 | ·726 | 93 | 82 | 87 | 0·05 | 10 | 9 | P. *o. d.* | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 8 | 75·9 | 77·9 | 71·7 | ·858 | ·881 | ·754 | 86 | 75 | 93 | 0·69 | 10 | 8 | P. Pk. *o* | Cs. Pc. Pk. *c.* | C. Pc. Pk. *c.* |
| 9 | 76·7 | 77·4 | 70·7 | ·876 | ·917 | ·716 | 87 | 90 | 88 | 0·31 | 10 | 10 | P. Pk. *o.* | P. *o.* | P *o.* |
| 10 | 74·3 | 72·8 | 71·7 | ·824 | ·801 | ·745 | 89 | 95 | 89 | 1·30 | 10 | 10 | P. *o. d.* | P. *o. r.* | P. *o. r.* |
| 11 | 72·5 | 73·7 | 70·1 | ·793 | ·808 | ·713 | 98 | 93 | 91 | 2·54 | 10 | 10 | P. *o. r.* | P. *o. r.* | P. *o.* |
| 12 | 74·3 | 73·4 | 70·6 | ·821 | ·818 | ·725 | 88 | 97 | 92 | 0·52 | 10 | 10 | P. *o.* | P. *o. r.* | P. *o.* |
| 13 | 75·1 | 75·9 | 71·5 | ·832 | ·870 | ·742 | 87 | 90 | 88 | 0·14 | 10 | 10 | P. *o.* | P. *o.* | P. *o.* |
| 14 | 74·6 | 73·7 | 71·9 | ·849 | ·821 | ·767 | 98 | 98 | 93 | 1·47 | 10 | 10 | P. *o. r.* | P. *o. r.* | P. *o. r.* |
| 15 | 70·9 | 69·9 | 69·7 | ·757 | ·706 | ·707 | 99 | 89 | 94 | 4·02 | 10 | 10 | P. *o. r.* | P. *o. r.* | P. *o. r.* |
| 16 | 72·9 | 74·9 | 67·9 | ·753 | ·841 | ·661 | 79 | 90 | 90 | 0·54 | 8 | 10 | Pc. K. Fk. *c.* | P. Pk. *o. d.* | P. Pk. *c.* |
| 17 | 75·7 | 77·4 | 69·9 | ·809 | ·821 | ·719 | 75 | 63 | 94 | 0·10 | 3 | 5 | Pc. K. *c.* | K. Pk *c.* | K. Pk. *c.* |
| 18 | 74·7 | 76·1 | 70·7 | ·780 | ·823 | ·716 | 75 | 75 | 88 | ... | 9 | 10 | Pc. K. Pk. *c.* | C. K. Pk. *o.* | C. Pc. Pk. *c.* |
| 19 | 75·8 | 76·9 | 72·7 | ·830 | ·816 | ·775 | 77 | 65 | 91 | 0·02 | 8 | 9 | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 20 | 74·9 | 75·9 | 72·6 | ·794 | ·811 | ·755 | 75 | 72 | 84 | 0·04 | 10 | 10 | K. Pk. *o.* | Pc. K. Pk. *o.* | Pc. K. Pk. *o. d.* |
| 21 | 74·7 | 75·9 | 72·7 | ·793 | ·820 | ·769 | 79 | 74 | 88 | ... | 10 | 10 | P. *o.* | P. Pk. *o.* | P. Pk. *o.* |
| 22 | 75·9 | 77·7 | 71·9 | ·880 | ·869 | ·764 | 93 | 76 | 91 | 0·12 | 10 | 10 | P. Pk. *o.* | P. Pk. *o.* | P. Pk. *o.* |
| 23 | 73·2 | 75·9 | 71·9 | ·791 | ·845 | ·761 | 92 | 82 | 90 | 0·58 | 10 | 10 | P. Pk. *o.* | Pc. K. Pk. *o.* | Pc. Pk. *o.* |
| 24 | 76·6 | 77·7 | 73·5 | ·883 | ·841 | ·808 | 89 | 68 | 93 | ... | 10 | 9 | P. Pk. *o.* | C. Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 25 | 74·9 | 76·1 | 73·6 | ·822 | ·886 | ·808 | 84 | 95 | 93 | 0·65 | 10 | 10 | Pc. K. Pk. *o.* | P. *o. r.* | P. *o. d.* |
| 26 | 75·5 | 77·6 | 71·1 | ·856 | ·907 | ·732 | 90 | 87 | 89 | 0·44 | 10 | 9 | P. Pk. *o.* | P. Pk. *c.* | P. K. Pk. *c.* |
| 27 | 75·7 | 78·7 | 71·6 | ·806 | ·866 | ·751 | 74 | 67 | 92 | ... | 7 | 6 | C. Pc. K Fk. *c.* | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 28 | 74·9 | 73·7 | 71·7 | ·819 | ·811 | ·729 | 83 | 94 | 84 | 0·85 | 10 | 10 | P. Pk. *o.* | P. *o. r.* | P. *o. r.* |
| 29 | 72·9 | 74·3 | 71·5 | ·797 | ·808 | ·754 | 94 | 83 | 93 | 0·68 | 10 | 10 | P. *o. r.* | P. Pk. *o.* | P. Pk. *o.* |
| 30 | 74·8 | 74·9 | 71·0 | ·819 | ·788 | ·726 | 83 | 73 | 87 | 0·02 | 10 | 10 | P. Pk. *o.* | Pc. K Pk. *o.* | Pc. Pk. *c.* |
| 31 | 73·8 | 75·9 | 70·7 | ·775 | ·801 | ·707 | 77 | 69 | 85 | ... | 10 | 10 | P. Pk. *o.* | Pc. K. Pk. *o.* | Pc. K. Pk. *o.* |
| Mean | 75·3 | 75·9 | 71·8 | ·832 | ·833 | ·752 | 84 | 80 | 90 | Total 18·05 | 9·35 | 9·35 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·672 | 29·714 | 29·617 | 29·696 | 29·670 | 79·5 | 83·9 | 85·0 | 81·6 | 83·0 | 87·1 | 78·6 | 8·5 | | 146·6 | 59·5 | 73·8 | 4·8 | WSW | WSW | W | W | 196 |
| 2 | ·665 | ·701 | ·631 | ·673 | ·665 | 81·0 | 81·5 | 80·6 | 80·2 | 81·3 | 84·7 | 77·8 | 6·9 | | 129·0 | 44·3 | 74·5 | 3·3 | WNW | WNW | W | W | 288 |
| 3 | ·638 | ·705 | ·619 | ·686 | ·658 | 75·3 | 78·4 | 78·7 | 78·6 | 78·1 | 80·7 | 75·0 | 5·7 | | 111·0 | 30·3 | 73·1 | 1·9 | NW | W | SSW | W | 199 |
| 4 | ·664 | ·693 | ·603 | ·680 | ·655 | 76·0 | 78·3 | 78·3 | 77·6 | 77·9 | 79·5 | 74·3 | 5·2 | | 121·9 | 42·4 | 73·0 | 1·3 | W | WNW | W | WNW | 381 |
| 5 | ·623 | ·659 | ·578 | ·618 | ·617 | 76·7 | 78·4 | 77·4 | 77·5 | 77·6 | 80·3 | 75·1 | 5·2 | | 106·0 | 25·7 | 73·8 | 1·3 | WNW | WNW | WNW | W | 484 |
| 6 | ·571 | ·610 | ·542 | ·623 | ·583 | 76·7 | 78·8 | 80·5 | 77·9 | 78·9 | 81·2 | 75·0 | 6·2 | | 124·0 | 42·8 | 74·1 | 0·9 | W | W | WSW | WSW | 570 |
| 7 | ·593 | ·642 | ·621 | ·673 | ·631 | 77·7 | 81·3 | 77·9 | 77·5 | 79·2 | 83·1 | 75·5 | 7·6 | | 137·9 | 54·8 | 74·6 | 0·9 | WSW | WSW | WSW | W | 697 |
| 8 | ·664 | 694 | ·665 | ·723 | ·683 | 77·8 | 79·5 | 76·1 | 79·2 | 78·8 | 81·4 | 75·2 | 6·2 | | 122·0 | 40·6 | 74·5 | 0·7 | W | WSW | W | WSW | 673 |
| 9 | ·702 | ·755 | ·686 | ·747 | ·722 | 78·0 | 81·5 | 80·2 | 79·5 | 80·0 | 84·1 | 75·6 | 8·5 | | 140·2 | 56·1 | 75·1 | 0·5 | W | WSW | WSW | WSW | 619 |
| 10 | ·683 | ·725 | ·666 | ·707 | ·692 | 79·4 | 79·5 | 78·6 | 79·4 | 79·7 | 83·3 | 75·8 | 7·5 | | 126·8 | 43·5 | 73·7 | 2·1 | WSW | WSW | WSW | WSW | 592 |
| 11 | ·633 | ·667 | ·619 | ·650 | ·640 | 78·6 | 80·1 | 80·4 | 79·2 | 79·1 | 80·6 | 75·9 | 4·7 | | 110·4 | 29·8 | 74·5 | 1·4 | WSW | WSW | WSW | WSW | 591 |
| 12 | ·629 | ·661 | ·617 | ·675 | ·642 | 78·7 | 80·5 | 80·5 | 79·4 | 80·0 | 83·1 | 75·6 | 7·5 | | 131·2 | 48·1 | 74·2 | 1·4 | W | WSW | WSW | WSW | 606 |
| 13 | ·635 | ·681 | ·623 | ·688 | ·656 | 79·5 | 81·4 | 81·6 | 79·4 | 80·9 | 83·3 | 78·1 | 5·2 | | 141·0 | 57·7 | 75·3 | 2·8 | WSW | WSW | WSW | W | 566 |
| 14 | ·663 | ·695 | ·622 | ·655 | ·654 | 79·6 | 80·0 | 80·4 | 79·7 | 80·0 | 82·2 | 77·8 | 4·4 | | 121·6 | 39·4 | 75·5 | 2·3 | W | WSW | W | WSW | 612 |
| 15 | ·616 | ·648 | ·592 | ·639 | ·621 | 79·3 | 80·5 | 79·3 | 78·3 | 79·5 | 81·6 | 77·7 | 3·9 | | 120·4 | 38·8 | 75·2 | 2·5 | WSW | WSW | WSW | WSW | 696 |
| 16 | ·618 | ·655 | ·615 | ·717 | ·646 | 78·8 | 79·6 | 81·2 | 79·4 | 80·1 | 82·6 | 77·1 | 5·5 | | 123·5 | 40·9 | 75·2 | 1·9 | WSW | SW | SSW | SSW | 570 |
| 17 | ·745 | ·803 | ·784 | ·846 | ·792 | 77·7 | 81·0 | 81·3 | 79·3 | 80·3 | 82·8 | 77·3 | 5·5 | | 135·8 | 53·0 | 77·2 | 0·1 | SSW | S | SSW | SSW | 564 |
| 18 | ·825 | ·844 | ·768 | ·816 | ·808 | 78·4 | 80·5 | 81·2 | 79·4 | 80·6 | 84·7 | 77·0 | 7·7 | | 139·4 | 54·7 | 74·5 | 2·5 | SW | SW | WSW | WSW | 337 |
| 19 | ·748 | ·771 | ·703 | ·737 | ·735 | 78·2 | 82·0 | 83·3 | 79·7 | 81·3 | 85·0 | 76·0 | 9·0 | | 138·4 | 53·4 | 73·2 | 2·8 | W | W | W | WSW | 404 |
| 20 | ·680 | ·725 | ·651 | ·710 | ·689 | 79·3 | 82·0 | 81·4 | 80·0 | 81·0 | 84·8 | 77·6 | 7·2 | | 144·0 | 59·2 | 75·0 | 2·6 | WSW | WSW | W | WSW | 465 |
| 21 | ·700 | ·738 | ·680 | ·734 | ·709 | 79·4 | 82·6 | 82·3 | 80·0 | 81·6 | 84·7 | 78·0 | 6·7 | | 140·9 | 56·2 | 77·2 | 0·8 | WSW | WSW | WSW | WSW | 403 |
| 22 | ·715 | ·779 | ·703 | ·760 | ·737 | 78·7 | 81·0 | 81·5 | 80·1 | 80·6 | 84·5 | 76·0 | 8·5 | 0·7 | 147·5 | 63·0 | 74·8 | 1·2 | WSW | WSW | WSW | WSW | 457 |
| 23 | ·714 | ·743 | ·686 | ·733 | ·716 | 79·3 | 81·9 | 81·2 | 79·6 | 80·9 | 84·1 | 75·8 | 8·3 | 0·7 | 136·3 | 52·2 | 74·5 | 1·3 | W | W | W | WSW | 484 |
| 24 | ·665 | ·731 | ·642 | ·687 | ·681 | 78·5 | 75·0 | 77·7 | 78·7 | 77·2 | 81·0 | 74·9 | 6·1 | 0 | 106·7 | 25·7 | 73·8 | 1·1 | W | W | WSW | WSW | 548 |
| 25 | ·655 | ·682 | ·610 | ·650 | ·647 | 79·3 | 79·0 | 78·9 | 79·3 | 78·7 | 80·2 | 74·7 | 5·5 | 0 | 100·4 | 20·2 | 73·0 | 1·7 | WSW | WSW | WSW | WSW | 509 |
| 26 | ·627 | ·677 | ·636 | ·692 | ·655 | 76·9 | 77·9 | 79·3 | 77·5 | 77·8 | 80·0 | 75·2 | 4·8 | 0 | 108·2 | 28·2 | 72·9 | 2·3 | WSW | WSW | WSW | WSW | 447 |
| 27 | ·694 | ·752 | ·712 | ·786 | ·734 | 78·1 | 81·9 | 81·7 | 79·3 | 80·7 | 83·4 | 75·1 | 8·3 | 6·4 | 140·0 | 56·6 | 73·8 | 1·3 | WSW | WSW | WSW | WSW | 422 |
| 28 | ·741 | ·777 | ·719 | ·760 | ·748 | 78·5 | 82·4 | 81·3 | 79·1 | 80·5 | 84·1 | 77·0 | 7·1 | 3·6 | 139·9 | 55·8 | 75·0 | 2·0 | WSW | WSW | WSW | WSW | 473 |
| 29 | ·708 | ·766 | ·692 | ·735 | ·726 | 78·6 | 77·7 | 80·1 | 79·5 | 79·4 | 81·9 | 75·6 | 6·3 | 0 | 124·9 | 43·0 | 73·7 | 1·9 | WSW | W | WSW | WSW | 539 |
| 30 | ·719 | ·776 | ·728 | ·794 | ·753 | 78·7 | 81·3 | 81·9 | 79·8 | 80·9 | 84·8 | 76·7 | 8·1 | 1·0 | 139·0 | 54·2 | 74·3 | 2·4 | WSW | WSW | WSW | WSW | 458 |
| 31 | ·760 | ·797 | ·735 | ·797 | ·766 | 78·7 | 81·2 | 83·3 | 80·4 | 81·4 | 86·1 | 77·0 | 9·1 | 8·0 | 140·3 | 54·2 | 74·6 | 2·4 | WSW | W | WSW | W | 470 |
| Mean | 29·676 | 29·718 | 29·657 | 29·712 | 29·688 | 78·4 | 80·3 | 80·4 | 79·2 | 79·9 | 82·9 | 76·3 | 6·7 | ? | 128·9 | 45·9 | 74·4 | 1·8 | ... | ... | ... | ... | 494·2 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Days. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 76·2 | 78·9 | 79·3 | 77·6 | 78·1 | 75·5 | ·860 | ·921 | ·925 | ·894 | ·900 | ·842 | 86 | 79 | 76 | 83 | 81 | 87 | ... | 4 | 4 | 3 | 10 | Pk.K.Ck.C. | K. Ck. C. | K.Ck.C. *e.* |
| 2 | 77·2 | 77·8 | 77·5 | 77·7 | 77·7 | 74·9 | ·884 | ·904 | ·904 | ·917 | ·902 | ·827 | 84 | 84 | 87 | 89 | 86 | 86 | 0·65 | 9 | 9 | 10 | 10 | Pk. K. Ck. | Pk.K.Ck. *o.r.t.* | Pk.K. *o.r.* |
| 3 | 74·3 | 76·5 | 76·4 | 76·7 | 76·1 | 73·8 | ·836 | ·888 | ·880 | ·894 | ·874 | ·820 | 95 | 91 | 90 | 91 | 91 | 95 | 7·04 | 10 | 10 | 10 | 10 | Pk. *o. r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 4 | 74·5 | 76·5 | 76·6 | 75·9 | 76·2 | 72·7 | ·835 | ·890 | ·894 | ·873 | ·873 | ·783 | 93 | 92 | 92 | 92 | 93 | 93 | 4·69 | 10 | 10 | 10 | 10 | Pk.K. *o.r.* | Pk.K.Ck. *o. r.* | Pk.K. *o.r.* |
| 5 | 75·6 | 76·5 | 75·8 | 75·9 | 76·0 | 73·7 | ·873 | ·878 | ·872 | ·875 | ·875 | ·813 | 94 | 91 | 92 | 93 | 92 | 93 | 2·86 | 10 | 10 | 10 | 10 | Pk. *o. r.* | Pk. *o. r.* | Pk. *o. r.* |
| 6 | 75·7 | 77·2 | 77·3 | 76·5 | 76·9 | 73·8 | ·877 | ·914 | ·895 | ·895 | ·895 | ·820 | 95 | 92 | 86 | 93 | 92 | 94 | 3·95 | 10 | 10 | 10 | 10 | Pk. K. *o.r.* | Pk.K. *o.r.* | Pk. *o. r.* |
| 7 | 76·5 | 77·8 | 75·4 | 75·8 | 76·7 | 74·5 | ·898 | ·907 | ·847 | ·870 | ·881 | ·842 | 94 | 85 | 89 | 92 | 90 | 95 | 1·37 | 10 | 10 | 10 | 10 | Pk. *o. r.* | Pk.K.Ck. C. *o.r.* | Pk. *o.r.* |
| 8 | 76·6 | 77·3 | 74·5 | 76·8 | 76·7 | 74·2 | ·902 | ·908 | ·835 | ·890 | ·883 | ·833 | 94 | 90 | 93 | 89 | 91 | 95 | 2·43 | 10 | 10 | 10 | 8 | Pk. K. *o.r.* | Pk. K. *o.r.* | Pk. K. *r.* |
| 9 | 75·7 | 78·0 | 78·1 | 76·6 | 77·1 | 73·9 | ·860 | ·913 | ·935 | ·877 | ·897 | ·815 | 90 | 85 | 91 | 87 | 88 | 92 | 0·77 | 9 | 9 | 10 | 4 | Pk.K.Ck. C. *r.* | Pk.K.Ck. C. *o.r.* | Pk.K.Ck. C. *r.* |
| 10 | 76·7 | 76·6 | 74·6 | 76·5 | 76·4 | 73·5 | ·883 | ·877 | ·805 | ·884 | ·862 | ·796 | 88 | 87 | 82 | 87 | 86 | 90 | 0·15 | 10 | 10 | 10 | 10 | Pk.K.Ck. *o. r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 11 | 75·9 | 76·6 | 77·3 | 76·4 | 76·2 | 73·6 | ·859 | ·870 | ·897 | ·873 | ·875 | ·799 | 88 | 85 | 87 | 88 | 87 | 90 | 0·87 | 10 | 10 | 10 | 10 | Pk.K.Ck. *o. r.* | Pk.K. *o.* | Pk.K *o.r.* |
| 12 | 75·5 | 77·0 | 77·3 | 76·8 | 76·8 | 73·6 | ·840 | ·882 | ·895 | ·888 | ·876 | ·802 | 86 | 85 | 86 | 89 | 87 | 91 | 0·15 | 10 | 10 | 10 | 6 | Pk.K. *o.r.* | Pk.K. *o.r.* | Pk. K. *r.* |
| 13 | 76·3 | 77·6 | 77·7 | 76·4 | 77·1 | 74·7 | ·864 | ·897 | ·897 | ·870 | ·882 | ·814 | 86 | 84 | 83 | 87 | 85 | 84 | 0·37 | 10 | 10 | 10 | 10 | Pk.K. *o.r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 14 | 76·5 | 76·7 | 76·7 | 76·6 | 76·8 | 74·9 | ·872 | ·876 | ·870 | ·875 | ·873 | ·827 | 87 | 86 | 85 | 87 | 86 | 86 | 0·20 | 10 | 10 | 10 | 10 | Pk. K. *o.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 15 | 76·1 | 77·3 | 76·5 | 76·1 | 76·6 | 74·8 | ·858 | ·895 | ·877 | ·870 | ·876 | ·824 | 86 | 86 | 88 | 90 | 88 | 86 | 0·28 | 10 | 10 | 10 | 10 | Pk. K. *o. r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 16 | 76·0 | 77·0 | 77·5 | 76·5 | 76·9 | 73·9 | ·861 | ·894 | ·895 | ·874 | ·881 | ·795 | 88 | 88 | 84 | 87 | 86 | 85 | 0·02 | 10 | 10 | 10 | 0 | Pk. K. *o.* | Pk. K. *o.* | K. *r.* |
| 17 | 75·1 | 77·6 | 77·7 | 76·7 | 77·1 | 74·0 | ·838 | ·901 | ·909 | ·885 | ·883 | ·798 | 89 | 85 | 85 | 89 | 87 | 85 | 0·35 | 10 | 3 | 10 | 1 | Pk.K. *o.r.* | Pk.K.Ck. *o.r.* | K. |
| 18 | 75·6 | 77·3 | 77·3 | 76·3 | 77·0 | 74·9 | ·849 | ·895 | ·885 | ·866 | ·874 | ·839 | 88 | 86 | 83 | 87 | 86 | 90 | 0·01 | 8 | 6 | 10 | 6 | Pk.K.Ck. C. *r.* | Pk.K.Ck. C. *o.* | Pk. K. |
| 19 | 75·7 | 78·2 | 78·0 | 75·7 | 77·2 | 73·6 | ·856 | ·915 | ·890 | ·836 | ·874 | ·797 | 89 | 84 | 78 | 82 | 84 | 88 | 0·21 | 9 | 5 | 4 | 7 | Pk.K.Ck. C. *r.* | K. Ck. C. | K. Ck. |
| 20 | 76·4 | 78·4 | 77·2 | 76·5 | 77·3 | 74·0 | ·871 | ·925 | ·878 | ·867 | ·885 | ·793 | 87 | 85 | 82 | 85 | 84 | 84 | 0·13 | 10 | 10 | 10 | 10 | Pk.K.Ck. *o.r.* | Pk.K.Ck. C. *o.r.* | Pk. K. *o.* |
| 21 | 76·1 | 78·3 | 77·4 | 76·5 | 77·4 | 74·9 | ·858 | ·913 | ·875 | ·867 | ·878 | ·825 | 86 | 82 | 79 | 85 | 83 | 86 | ... | 10 | 9 | 9 | 5 | Pk.K.Ck.*o.* | Pk.K.Ck. | Pk. K. |
| 22 | 75·6 | 77·0 | 75·8 | 76·6 | 76·5 | 73·9 | ·845 | ·875 | ·816 | ·870 | ·852 | ·810 | 86 | 83 | 76 | 85 | 83 | 91 | 0·50 | 10 | 10 | 10 | 9 | Pk.K. *o.r.* | Pk.K.Ck. *o.* | Pk. K. |
| 23 | 76·2 | 77·6 | 76·6 | 76·5 | 77·0 | 74·4 | ·865 | ·890 | ·855 | ·872 | ·870 | ·833 | 86 | 82 | 81 | 87 | 84 | 93 | 0·15 | 10 | 9 | 10 | 10 | Pk K. *o.r.* | Pk. K. *o.* | Pk. K. *o.* |
| 24 | 75·8 | 73·4 | 74·5 | 76·5 | 74·9 | 73·3 | ·856 | ·803 | ·812 | ·884 | ·839 | ·800 | 88 | 92 | 85 | 90 | 89 | 92 | 1·78 | 10 | 10 | 10 | 10 | Pk.K. *o.r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 25 | 76·5 | 76·5 | 76·3 | 75·7 | 75·9 | 72·8 | ·876 | ·880 | ·873 | ·842 | ·868 | ·781 | 88 | 89 | 88 | 85 | 87 | 90 | 0·51 | 10 | 10 | 10 | 10 | Pk.K. *o.r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 26 | 74·5 | 75·3 | 76·5 | 75·8 | 75·4 | 72·8 | ·822 | ·842 | ·880 | ·870 | ·853 | ·775 | 89 | 89 | 88 | 92 | 90 | 88 | 0·58 | 10 | 10 | 10 | 10 | Pk.K. *o.r.* | Pk.K. *o.r.* | Pk.K. *o.r.* |
| 27 | 75·5 | 77·5 | 77·5 | 75·7 | 76·9 | 73·7 | ·849 | ·884 | ·887 | ·842 | ·866 | ·813 | 89 | 81 | 82 | 84 | 84 | 93 | 0·25 | 10 | 9 | 8 | 7 | Pk.K. *o.r.* | Pk.K.Ck. C. *r.* | Pk.K.Ck. *r.* |
| 28 | 75·7 | 78·2 | 77·7 | 76·1 | 76·8 | 74·7 | ·852 | ·909 | ·902 | ·858 | ·880 | ·830 | 88 | 82 | 85 | 87 | 85 | 90 | 0·23 | 8 | 8 | 10 | 8 | Pk.K.Ck. | Pk.K. *o.r.* | Pk.K.Ck. *r.* |
| 29 | 76·5 | 75·1 | 76·0 | 75·5 | 76·1 | 73·9 | ·886 | ·838 | ·844 | ·830 | ·850 | ·815 | 91 | 88 | 82 | 82 | 86 | 92 | 0·41 | 10 | 10 | 10 | 10 | Pk.K. *o.r.* | Pk.K. *o.r.* | Pk. K. *o.* |
| 30 | 76·5 | 76·9 | 76·9 | 76·0 | 76·8 | 74·4 | ·884 | ·866 | ·858 | ·848 | ·864 | ·821 | 90 | 81 | 79 | 84 | 83 | 90 | .... | 10 | 10 | 10 | 10 | Pk. K. *o.* | Pk.K Ck. C. *o.* | Pk. K. *o.* |
| 31 | 75·5 | 76·6 | 77·5 | 76·5 | 76·9 | 74·4 | ·840 | ·855 | ·866 | ·861 | ·856 | ·817 | 86 | 81 | 76 | 83 | 82 | 88 | 0·07 | 7 | 8 | 6 | 10 | K. Ck. | Pk.K.Ck. *r.* | Pk. K. *o.* |
| Mean | 75·9 | 77·1 | 76·8 | 76·4 | 76·7 | 74·1 | ·862 | ·887 | ·876 | ·872 | ·874 | ·813 | 89 | 86 | 85 | 88 | 87 | 90 | Total 30·98 | 9·48 | 9·00 | 9·35 | 8·42 | ... | ... | .. |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·702 | 29·622 | 29·728 | 29·682 | 89·8 | 85·2 | 78·2 | 82·8 | 98·7 | 78·9 | 19·8 | 148·1 | 49·4 | 77·7 | 1·2 | SW by W | W by S | 86 | 84 | 170 |
| 2 | ·707 | ·606 | ·694 | ·667 | 85·3 | 88·0 | 81·8 | 83·1 | 88·9 | 77·8 | 11·1 | 113·4 | 24·5 | 75·8 | 2·0 | WSW | SW | 104 | 73 | 177 |
| 3 | ·739 | ·636 | ·751 | ·707 | 84·5 | 89·0 | 84·1 | 83·4 | 92·3 | 76·9 | 15·4 | 130·0 | 37·7 | 75·9 | 1·0 | W | SW | 114 | 124 | 238 |
| 4 | ·769 | ·649 | ·735 | ·715 | 86·8 | 91·9 | 86·8 | 86·4 | 92·4 | 80·6 | 11·8 | 122·4 | 30·0 | 74·7 | 5·9 | W by S | SW by W | 131 | 98 | 229 |
| 5 | ·742 | ·597 | ·739 | ·690 | 87·9 | 92·9 | 77·1 | 84·8 | 93·3 | 81·8 | 11·5 | 130·4 | 37·1 | 76·4 | 5·4 | WSW | NW by W | 125 | 79 | 204 |
| 6 | ·733 | ·636 | ·764 | ·709 | 84·0 | 86·5 | 83·8 | 82·2 | 86·6 | 74·9 | 11·7 | 110·7 | 24·1 | 74·7 | 0·2 | W by N | SW by W | 86 | 85 | 171 |
| 7 | ·789 | ·691 | ·826 | ·766 | 87·0 | 92·0 | 77·8 | 83·9 | 93·6 | 79·0 | 14·6 | 134·5 | 40·9 | 77·7 | 1·3 | SW by W | W | 86 | 95 | 181 |
| 8 | ·855 | ·715 | ·859 | ·807 | 86·2 | 95·7 | 78·8 | 84·4 | 97·4 | 77·6 | 19·8 | 147·4 | 50·0 | 75·9 | 1·7 | W by S | WSW | 77 | 115 | 192 |
| 9 | ·849 | ·770 | ·840 | ·818 | 83·8 | 86·6 | 79·0 | 81·2 | 90·0 | 75·9 | 14·1 | 122·0 | 32·0 | 74·9 | 1·0 | W | WSW | 62 | 117 | 179 |
| 10 | ·830 | ·715 | ·782 | ·774 | 83·4 | 90·1 | 84·0 | 83·4 | 90·8 | 76·4 | 14·4 | 124·0 | 33·2 | 75·0 | 1·4 | W by S | W by S | 98 | 113 | 211 |
| 11 | ·782 | ·651 | ·790 | ·738 | 88·7 | 90·3 | 84·4 | 85·2 | 93·7 | 78·0 | 15·7 | 143·4 | 49·7 | 76·7 | 1·3 | W by S | WSW | 109 | 146 | 255 |
| 12 | ·785 | ·666 | ·744 | ·729 | 86·4 | 93·9 | 85·8 | 85·8 | 94·1 | 78·0 | 16·1 | 141·6 | 47·5 | 77·3 | 0·7 | WSW | WSW | 124 | 143 | 267 |
| 13 | ·745 | ·642 | ·755 | ·712 | 87·9 | 90·9 | 85·8 | 86·0 | 92·6 | 79·8 | 12·8 | 126·6 | 34·0 | 77·5 | 2·3 | SW by W | WSW | 98 | 147 | 245 |
| 14 | ·7[illegible] | ·682 | ·792 | ·751 | 87·9 | 93·8 | 87·9 | 87·3 | 96·0 | 80·3 | 15·7 | 144·5 | 48·5 | 78·7 | 1·6 | SW by W | W by S | 122 | 146 | 268 |
| 15 | ·82[illegible] | ·668 | ·822 | ·769 | 90·2 | 96·9 | 84·6 | 87·5 | 98·1 | 78·9 | 19·2 | 146·8 | 48·7 | 76·9 | 2·0 | WSW | WSW | 101 | 116 | 217 |
| 16 | ·813 | ·667 | ·781 | ·749 | 89·7 | 94·9 | 82·9 | 86·9 | 95·5 | 80·8 | 14·7 | 151·2 | 55·7 | 77·8 | 3·0 | W by N | S | 103 | 97 | 200 |
| 17 | ·819 | ·695 | ·814 | ·772 | 90·9 | 90·9 | 84·1 | 86·2 | 97·8 | 79·8 | 18·0 | 151·0 | 53·2 | 78·6 | 1·2 | WSW | ESE | 99 | 82 | 181 |
| 18 | ·801 | ·690 | ·752 | ·745 | 87·9 | 90·4 | 83·9 | 85·4 | 93·3 | 79·8 | 13·5 | 132·6 | 39·3 | 79·0 | 0·8 | W | WNW | 104 | 65 | 169 |
| 19 | ·750 | ·634 | ·743 | ·705 | 84·8 | 88·9 | 82·8 | 84·0 | 88·9 | 80·0 | 8·9 | 106·0 | 17·1 | 75·0 | 5·0 | W by S | W | 109 | 61 | 170 |
| 20 | ·730 | ·633 | ·734 | ·696 | 79·3 | 85·6 | 78·8 | 79·6 | 85·6 | 75·0 | 10·6 | 113·9 | 28·3 | 67·8 | 7·2 | SW by W | W | 22 | 65 | 87 |
| 21 | ·770 | ·646 | ·765 | ·723 | 88·9 | 95·8 | 81·5 | 85·7 | 96·6 | 77·4 | 19·2 | 135·0 | 38·4 | 76·8 | 0·6 | W by S | SW by S | 124 | 110 | 234 |
| 22 | ·786 | ·651 | ·765 | ·730 | 90·1 | 89·9 | 83·8 | 85·0 | 96·3 | 77·0 | 19·3 | 141·5 | 45·2 | 75·3 | 1·7 | W by S | S by E | 106 | 116 | 222 |
| 23 | ·759 | ·637 | ·718 | ·701 | 90·7 | 98·6 | 83·6 | 88·0 | 100·1 | 79·8 | 20·3 | 150·0 | 49·9 | 78·0 | 1·8 | WSW | SSW | 91 | 98 | 189 |
| 24 | ·735 | ·612 | ·684 | ·673 | 88·6 | 96·2 | 88·9 | 88·8 | 97·9 | 82·1 | 15·8 | 146·4 | 48·5 | 80·8 | 1·3 | WSW | W by S | 135 | 118 | 253 |
| 25 | ·702 | ·593 | ·676 | ·654 | 88·4 | 96·1 | 84·0 | 87·6 | 97·9 | 82·6 | 15·3 | 148·5 | 50·6 | 81·4 | 1·2 | W by S | WSW | 115 | 89 | 204 |
| 26 | ·759 | ·645 | ·731 | ·708 | 90·7 | 93·5 | 83·8 | 86·8 | 101·5 | 80·0 | 21·5 | 150·8 | 49·3 | 78·0 | 2·0 | WSW | S by W | 108 | 112 | 220 |
| 27 | ·781 | ·671 | ·782 | ·741 | 91·9 | 89·7 | 83·8 | 86·7 | 92·1 | 81·8 | 10·3 | 151·5 | 59·4 | 80·8 | 1·0 | WSW | SSE | 94 | 115 | 209 |
| 28 | ·808 | ·678 | ·778 | ·751 | 92·1 | 87·9 | 83·8 | 85·8 | 100·8 | 79·6 | 21·2 | 151·7 | 50·9 | 77·8 | 1·8 | WSW | S by E | 115 | 101 | 216 |
| 29 | ·809 | ·681 | ·781 | ·753 | 90·8 | 86·3 | 82·5 | 84·3 | 96·4 | 78·5 | 17·9 | 150·6 | 54·2 | 77·0 | 1·5 | SW by W | SE by E | 92 | 97 | 189 |
| 30 | ·831 | ·669 | ·781 | ·755 | 87·1 | 95·0 | 83·0 | 85·1 | 95·4 | 76·2 | 19·2 | 150·6 | 55·2 | 75·8 | 0·4 | SW by W | SSW | 112 | 108 | 221 |
| 31 | ·816 | ·682 | ·797 | ·761 | 89·9 | 87·6 | 82·4 | 84·2 | 93·2 | 77·6 | 15·6 | 147·6 | 54·4 | 75·1 | 2·5 | SW | SE | 72 | 100 | 172 |
| Mean | 29·778 | 29·659 | 29·764 | 29·731 | 87·8 | 91·3 | 82·7 | 85·1 | 94·4 | 78·8 | 15·6 | 137·6 | 43·1 | 76·8 | 2·0 | ... | ... | 100·8 | 103·7 | 204·5 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 16 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 79 8 | 78·6 | 76·0 | 77·5 | 75·2 | ·883 | 890 | ·869 | ·874 | ·826 | 63 | 74 | 90 | 78 | 83 | 1·76 | 6 | 7 | C. K. *c.* | K. *cloudy t. lr.* |
| 2 | 76·1 | 78·0 | 76·9 | 76 6 | 75·1 | ·778 | ·825 | ·860 | ·829 | ·836 | 64 | 62 | 79 | 73 | 88 | ... | 8 | 9·5 | K. *cloudy t. lr.* | K. *cloudy.* |
| 3 | 74·8 | 78·8 | 74·8 | 75·9 | 74·7 | ·733 | ·755 | ·738 | ·795 | ·831 | 62 | 63 | 63 | 69 | 90 | ... | 9 | 9·5 | K. *cloudy.* | o. |
| 4 | 75 6 | 80·6 | 75·6 | 76·3 | 72·3 | ·796 | ·892 | ·736 | ·772 | ·683 | 57 | 60 | 58 | 61 | 65 | ... | 6 | 8 | K. *c.* | K. *cloudy.* |
| 5 | 76·6 | 81·0 | 76·0 | 77·2 | 74·4 | ·764 | ·898 | ·885 | ·833 | ·752 | 58 | 58 | 95 | 70 | 69 | 0·60 | 6 | 9·2 | K. *c.* | K. *cloudy t. lr.* |
| 6 | 75·0 | 76·3 | 73·9 | 74·7 | 73·7 | ·748 | ·771 | ·704 | ·760 | ·845 | 64 | 61 | 60 | 69 | 94 | ... | 9 | 9·5 | K. *cloudy.* | o. |
| 7 | 75·8 | 80·0 | 77·1 | 76·5 | 72·3 | ·742 | ·863 | ·923 | ·814 | ·704 | 58 | 57 | 98 | 70 | 71 | 0·08 | 6 | 8 | K. *c.* | K. *cloudy* ☾ |
| 8 | 75·8 | 81·8 | 75·8 | 76·6 | 71·6 | ·752 | ·898 | ·852 | ·812 | ·695 | 60 | 53 | 87 | 68 | 74 | 0·23 | 9 | 7 | K. *cloudy.* | K. *cloudy t. lr.* |
| 9 | 77·0 | 75·8 | 73·8 | 75·4 | 75·1 | ·845 | ·747 | ·765 | ·803 | ·862 | 72 | 59 | 77 | 75 | 97 | ... | 9 | 9·5 | K. *cloudy.* | K. *cloudy.* |
| 10 | 73·8 | 75·5 | 73·8 | 73·5 | 70·0 | ·706 | ·687 | ·698 | ·693 | ·648 | 62 | 49 | 60 | 60 | 71 | ... | 9 | 6·5 | K. *cloudy.* | K. *cloudy.* |
| 11 | 75·0 | 74·8 | 73·1 | 73·6 | 71·0 | ·684 | ·654 | ·664 | ·674 | ·666 | 51 | 46 | 62 | 53 | 70 | ... | 5 | 8·5 | K. *c.* | K. *cloudy.* |
| 12 | 74·5 | 77·6 | 74·6 | 74·5 | 71 0 | ·699 | ·728 | ·706 | ·703 | ·666 | 55 | 46 | 58 | 57 | 70 | ... | 6 | 8·7 | K. *c.* | K. *cloudy.* |
| 13 | 76·6 | 78·4 | 74·3 | 75·8 | 73·3 | ·764 | ·804 | ·697 | ·755 | ·734 | 58 | 55 | 56 | 61 | 72 | ... | 8 | 8 | K. *cloudy.* | K. *cloudy.* |
| 14 | 75·6 | 79·0 | 76·6 | 76·1 | 72·2 | ·720 | ·792 | ·774 | ·751 | ·683 | 55 | 49 | 58 | 57 | 66 | ... | 8 | 7·5 | K. *cloudy.* | K. *cloudy.* |
| 15 | 75·8 | 78·8 | 74·5 | 75·6 | 72·4 | ·699 | ·741 | ·719 | ·726 | ·710 | 49 | 43 | 61 | 56 | 72 | ... | 6 | 6·5 | K. *c.* | K. *cloudy.* |
| 16 | 78·0 | 77·8 | 78·0 | 77·1 | 74·1 | ·802 | ·723 | ·894 | ·800 | ·754 | 63 | 44 | 79 | 62 | 72 | ... | 5 | 7 | K. *c.* | K. *c.* |
| 17 | 78·1 | 79·9 | 76·0 | 77·2 | 73·9 | ·790 | ·873 | ·820 | ·813 | ·758 | 54 | 60 | 68 | 65 | 74 | ... | 3 | 6 | K. *bc.* | K. *c.* |
| 18 | 75·0 | 77·9 | 78 2 | 76·5 | 74·4 | ·695 | ·789 | ·889 | ·793 | ·779 | 52 | 55 | 77 | 65 | 76 | ... | 8 | 8·5 | K. *cloudy.* | K. *cloudy.* |
| 19 | 76·2 | 78·1 | 75·4 | 75·9 | 73·4 | ·789 | ·816 | ·781 | ·787 | ·737 | 66 | 59 | 69 | 68 | 72 | 0·03 | 10 | 10 | o. | o. |
| 20 | 77 0 | 77·8 | 74·8 | 76·0 | 73·9 | ·898 | ·849 | ·810 | ·851 | ·852 | 91 | 69 | 82 | 85 | 95 | 0·05 | 10 | 7 | o. | K. *cloudy.* |
| 21 | 79·4 | 81·8 | 77·8 | 78·4 | 73·3 | ·878 | ·891 | ·904 | ·875 | ·766 | 64 | 53 | 84 | 71 | 81 | ... | 6 | 8 | K. *c.* | K. *cloudy.* |
| 22 | 77·0 | 81·9 | 75·8 | 77·6 | 74·9 | ·752 | ·983 | ·785 | ·861 | ·839 | 53 | 70 | 68 | 70 | 91 | ... | 5 | 5·5 | K. *c.* | K. *c.* |
| 23 | 77 6 | 83 3 | 76·8 | 78·4 | 74·7 | ·771 | ·933 | ·831 | ·844 | ·793 | 54 | 51 | 72 | 64 | 78 | 0·03 | 5 | 4·5 | K. *c.* | K. *c.* |
| 24 | 79·0 | 80 8 | 77·6 | 78·2 | 74·8 | ·863 | ·843 | 795 | ·823 | ·765 | 64 | 49 | 58 | 61 | 69 | ... | 9 | 8 | K. *cloudy.* | K. *cloudy.* |
| 25 | 77·4 | 81·9 | 79·4 | 78·6 | 74·9 | ·792 | ·898 | ·943 | ·858 | ·760 | 59 | 53 | 81 | 66 | 68 | ... | 9 | 5·5 | K. *cloudy.* | K. *c.* |
| 26 | 79·6 | 83·5 | 79·8 | 79·8 | 75·4 | ·862 | 1·013 | ·964 | ·924 | ·820 | 60 | 64 | 83 | 72 | 80 | ... | 3 | 6·5 | K. *bc.* | K. *c.* |
| 27 | 81·1 | 79·8 | 78·6 | 79·0 | 76·0 | ·917 | 884 | ·909 | ·888 | ·821 | 61 | 63 | 78 | 69 | 75 | ... | 3 | 6·5 | C. K. *bc.* | K. *c.* ☾ |
| 28 | 78·8 | 81·6 | 79·9 | 79·4 | 76·4 | ·806 | ·995 | ·969 | ·918 | ·868 | 53 | 75 | 83 | 74 | 86 | 0·02 | 5 | 6·5 | C. K. *c.* | K. *c.* |
| 29 | 76·6 | 80·8 | 79·8 | 78·2 | 74 8 | ·725 | ·973 | ·982 | ·884 | ·814 | 50 | 78 | 88 | 75 | 83 | 0·09 | 5 | 6 | K. *c.* | K. *c. t. lr.* |
| 30 | 79·0 | 80·0 | 79·1 | 78·5 | 75·1 | ·883 | ·822 | ·942 | ·887 | ·858 | 69 | 50 | 83 | 74 | 94 | 0·08 | 7 | 5 | K. *cloudy.* | K. *c.* |
| 31 | 79·8 | 78·8 | 78·8 | 78·2 | 74·9 | ·882 | ·867 | ·924 | ·885 | ·830 | 63 | 66 | 81 | 57 | 88 | 0·02 | 3 | 3·5 | C. *bc.* | K. *bc.* |
| Mean | 77·0 | 79·4 | 76·5 | 76·9 | 73·9 | ·788 | ·842 | ·830 | ·816 | ·773 | 60 | 58 | 74 | 68 | 79 | Total. 2·99 | 6·65 | 7·32 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN JULY 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·546 | 80·8 | 79·0 | ·967 | 92 | 0·70 | 6 | 0 | 0 | 19 | 19 | 23 | 31 | 13 | 1 | 2 | No interpolated values. Registers complete. |
| 1 | ·529 | 80·6 | 78·9 | ·966 | 92 | 1·12 | 5 | 0 | 0 | 17 | 14 | 23 | 29·5 | 10 | 2 | 1 | |
| 2 | ·517 | 80·5 | 78·7 | ·962 | 92 | 1·12 | 4 | 2 | 0 | 23 | 13 | 20 | 24·5 | 8 | 2 | 3 | |
| 3 | ·507 | 80·2 | 78·6 | ·957 | 92 | 0·70 | 6 | 0 | 0 | 19 | 14 | 20 | 24·5 | 8 | 13 | 3 | |
| 4 | ·506 | 79·9 | 78·3 | ·948 | 92 | 1·17 | 8 | 7 | 6 | 14 | 14 | 19 | 29·5 | 6 | 1 | 2 | |
| 5 | ·506 | 79·9 | 78·3 | ·948 | 93 | 0·50 | 7 | 3 | 7 | 19 | 15 | 18 | 26 | 5 | 0 | 2 | |
| 6 | ·515 | 79·9 | 78·3 | ·949 | 93 | 0·26 | 4 | 9 | 10 | 21 | 24 | 21 | 50 | 10 | 2 | 0 | |
| 7 | ·527 | 81·3 | 79·1 | ·966 | 90 | 0·43 | 4 | 6 | 11 | 53 | 26 | 26 | 44 | 17 | 2 | 0 | |
| 8 | ·544 | 82·5 | 79·5 | ·967 | 87 | 0·45 | 5 | 0 | 20 | 48 | 36 | 9 | 52 | 25 | 2 | 0 | |
| 9 | ·555 | 83·7 | 80·0 | ·979 | 85 | 0·18 | 4 | 0 | 28 | 54 | 42 | 13 | 53 | 33 | 14 | 0 | |
| 10 | ·557 | 84·6 | 80·1 | ·968 | 82 | 0·06 | 2 | 0 | 22 | 55 | 45 | 24 | 35 | 41 | 10 | 0 | |
| 11 | ·550 | 85·2 | 80·4 | ·972 | 80 | 1·41 | 9 | 6 | 19 | 42 | 49 | 20 | 34 | 28 | 14 | 0 | |
| Noon | ·539 | 85·3 | 80·2 | ·965 | 79 | 0·31 | 6 | 5 | 8 | 60 | 55 | 15 | 48 | 23 | 8 | 0 | |
| 13 | ·518 | 85·3 | 80·5 | ·983 | 81 | 0·70 | 7 | 6 | 6 | 52 | 48 | 15 | 54 | 20 | 7 | 0 | |
| 14 | ·500 | 84·9 | 80·3 | ·974 | 81 | 0·27 | 5 | 3 | 7 | 74 | 35 | 11 | 47 | 15 | 6 | 0 | |
| 15 | ·477 | 85·1 | 80·2 | ·968 | 80 | 0·50 | 8 | 10 | 6 | 36 | 57 | 16 | 36 | 27 | 15 | 0 | |
| 16 | ·466 | 84·5 | 80·1 | ·970 | 82 | 0·84 | 5 | 2 | 10 | 33 | 40 | 22 | 33 | 8 | 2 | 0 | |
| 17 | ·462 | 84·3 | 80·3 | ·984 | 84 | 2·37 | 5 | 3 | 1 | 18 | 72 | 31 | 35 | 9 | 4 | 0 | |
| 18 | ·472 | 83·5 | 79·8 | ·969 | 84 | 2·24 | 8 | 0 | 2 | 12 | 38 | 39 | 42 | 8 | 5 | 1 | |
| 19 | ·490 | 82·4 | 79·6 | ·973 | 84 | 0·28 | 3 | 0 | 2 | 8 | 30·5 | 34 | 38 | 9 | 3 | 0 | |
| 20 | ·513 | 81·9 | 79·1 | ·973 | 89 | 0·11 | 2 | 0 | 3 | 7 | 35·5 | 34 | 37 | 3 | 0·5 | 1 | |
| 21 | ·531 | 81·7 | 79·1 | ·976 | 90 | 0·46 | 6 | 0 | 0 | 4 | 32·5 | 24 | 40 | 3 | 0·5 | 3 | |
| 22 | ·551 | 81·3 | 79·2 | ·971 | 91 | 0·54 | 9 | 0 | 2 | 12 | 14·5 | 29 | 48 | 17 | 1 | 1 | |
| 23 | ·550 | 81·0 | 79·0 | ·965 | 91 | 0·89 | 6 | 0 | 4 | 18 | 15 | 34 | 40 | 13 | 3 | 1 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN JULY 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 37·5 | 27 | 10·5 | 9 | 3 | 1 | 3·5 | 15·5 | 3 | 0 | 0 | 4 | 4 | 33 | 187 | 101 | 16 | 0 |
| 1 to 2 | 39 | 32·5 | 10·5 | 6·5 | 1 | 2 | 4·5 | 17 | 4 | 1·5 | 0 | 2 | 7 | 31 | 195 | 95 | 13·5 | 0 |
| 2 to 3 | 39·5 | 27·5 | 11 | 9 | 1 | 2·5 | 7 | 17·5 | 4 | 0 | 0 | 2·5 | 7 | 40 | 171·5 | 104 | 9 | 1 |
| 3 to 4 | 32·5 | 26 | 8·5 | 7·5 | 0·5 | 3 | 7·5 | 17·5 | 6 | 0 | 0 | 0 | 0 | 55 | 175·5 | 102·5 | 13 | 0 |
| 4 to 5 | 40·5 | 23 | 4 | 10·5 | 1 | 0·5 | 11 | 21·5 | 7 | 2·5 | 0 | 0 | 0 | 46·5 | 184 | 80 | 11 | 1 |
| 5 to 6 | 41·5 | 21·5 | 12 | 7·5 | 1 | 0·5 | 10 | 18 | 4 | 0 | 0 | 0 | 5 | 33·5 | 172·5 | 98·5 | 15·5 | 1 |
| 6 to 7 | 59·5 | 21 | 12 | 9·5 | 0·5 | 0·5 | 12·5 | 25·5 | 3 | 0 | 0 | 0 | 2·5 | 35 | 169·5 | 93 | 21 | 0 |
| 7 to 8 | 69 | 24 | 16 | 17·5 | 1 | 1 | 9·5 | 24 | 2 | 0 | 0 | 0 | 6 | 36·5 | 205·5 | 123·5 | 14·5 | 0 |
| 8 to 9 | 81·5 | 39·5 | 16·5 | 24 | 2·5 | 2·5 | 5·5 | 25 | 1 | 0 | 0 | 1 | 10 | 23 | 242 | 143·5 | 52·5 | 0 |
| 9 to 10 | 60 | 57 | 30 | 23 | 4 | 7 | 8 | 16 | 3 | 0 | 0 | 0 | 1 | 31·5 | 224·5 | 151·5 | 45·5 | 0 |
| 10 to 11 | 94 | 20·5 | 11·5 | 24 | 6 | 5 | 0 | 37 | 2 | 1·5 | 0 | 0 | 0 | 48·5 | 197 | 214 | 50 | 0 |
| 11 to noon | 84 | 29 | 17 | 14·5 | 11 | 5 | 3 | 43·5 | 1 | 8·5 | 0 | 0 | 0 | 56·5 | 203 | 204 | 43 | 0 |
| Noon to 13 | 61 | 32·5 | 18 | 12 | 7 | 6 | 4 | 50·5 | 1 | 6·5 | 0 | 0 | 0 | 58 | 210·5 | 211 | 65 | 0 |
| 13 to 14 | 61 | 33 | 7 | 16·5 | 3 | 4 | 7 | 58·5 | 1 | 6·5 | 0 | 0 | 0 | 46·5 | 190·5 | 223 | 62·5 | 0 |
| 14 to 15 | 62·5 | 27 | 16 | 20·5 | 4·5 | 7 | 11 | 43·5 | 2 | 4 | 4 | 0 | 0 | 40·5 | 193·5 | 226·5 | 50·5 | 0 |
| 15 to 16 | 66 | 33 | 13 | 14 | 16 | 13·5 | 9 | 24·5 | 1 | 11·5 | 14 | 0 | 0 | 39·5 | 237·5 | 206 | 44·5 | 0 |
| 16 to 17 | 58·5 | 28 | 10·5 | 12·5 | 9·5 | 10 | 9 | 27 | 3 | 12 | 8·5 | 4·5 | 0 | 40 | 219 | 179·5 | 33·5 | 0 |
| 17 to 18 | 46 | 24·5 | 14·5 | 12·5 | 9·5 | 8·5 | 8·5 | 28 | 3 | 12 | 3 | 0 | 9 | 44·5 | 172·5 | 157 | 32 | 0 |
| 18 to 19 | 40 | 23 | 17·5 | 10 | 1·5 | 5 | 8 | 21 | 2 | 6 | 3 | 0 | 0 | 50·5 | 157 | 110 | 23·5 | 0 |
| 19 to 20 | 32 | 36 | 5·5 | 13·5 | 2·5 | 3 | 4 | 13·5 | 3 | 1·5 | 2 | 0·5 | 2·5 | 39 | 173 | 96·5 | 15 | 0 |
| 20 to 21 | 33·5 | 28 | 9·5 | 10 | 1·5 | 2·5 | 3 | 12 | 5 | 0 | 2 | 1 | 3 | 34·5 | 176·5 | 92·5 | 6·5 | 1 |
| 21 to 22 | 41 | 37 | 13·5 | 8·5 | 1 | 1 | 4 | 15 | 4 | 0 | 0 | 1 | 0 | 35 | 178 | 88 | 13 | 1 |
| 22 to 23 | 27 | 28 | 10·5 | 7 | 0·5 | 0·5 | 2 | 13·5 | 6 | 0 | 1 | 1·5 | 1·5 | 54·5 | 147 | 126·5 | 12 | 0 |
| 23 to midn. | 32 | 24·5 | 7·5 | 8 | 0·5 | 0·5 | 1·5 | 19·5 | 5 | 0 | 1·5 | 3 | 1·5 | 49·5 | 167·5 | 109·5 | 20·5 | 0 |

AUGUST 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·478 | 29·518 | 29·433 | 29·566 | 29·494 | 78·3 | 80·5 | 78·8 | 77·3 | 80·0 | 80·9 | 77·3 | 3·6 | 0 | 96·7 | 15·8 | 75·8 | 1·5 | W | WNW | WSW | WSW | 189 |
| 2 | ·580 | ·653 | ·603 | ·682 | ·612 | 78·3 | 82·3 | 84·5 | 80·5 | 81·7 | 85·0 | 75·9 | 9·1 | 0 | 127·7 | 42·7 | 75·6 | 0·3 | SW by W | SW | S | S | 218 |
| 3 | ·642 | ·685 | ·581 | ·631 | ·629 | 78·3 | 85·5 | 85·4 | 82·8 | 83·6 | 87·8 | 77·2 | 10·6 | 7·2 | 148·5 | 60·7 | 74·2 | 3·0 | S | SW by S | SSW | S by W | 155 |
| 4 | ·603 | ·625 | ·532 | ·615 | ·583 | 79·8 | 84·3 | 86·8 | 82·2 | 84·5 | 88·0 | 79·2 | 8·8 | 8·0 | 155·6 | 67·6 | 76·6 | 2·6 | SSW | WSW | S by W | SSW | 167 |
| 5 | ·581 | ·621 | ·552 | ·641 | ·592 | 80·6 | 84·8 | 83·9 | 82·3 | 84·4 | 88·7 | 79·9 | 8·8 | 4·8 | 151·9 | 63·2 | 77·4 | 2·5 | SSW | SSW | SSE | S by W | 140 |
| 6 | ·618 | ·662 | ·608 | ·670 | ·626 | 79·1 | 85·3 | 80·3 | 80·4 | 82·9 | 88·5 | 78·0 | 10·5 | 4·0 | 154·5 | 66·0 | 76·4 | 1·6 | SSW | SW | SSE | SSW | 176 |
| 7 | ·623 | ·666 | ·567 | ·638 | ·622 | 79·3 | 84·5 | 83·6 | 80·0 | 83·2 | 88·0 | 79·1 | 8·9 | 4·2 | 150·3 | 62·3 | 76·7 | 2·4 | SSW | SW | S | SSW | 158 |
| 8 | ·570 | ·603 | ·521 | ·588 | ·563 | 79·3 | 83·8 | 80·5 | 79·1 | 82·6 | 85·5 | 78·1 | 7·4 | 1·2 | 142·7 | 57·2 | 77·3 | 0·8 | SW | WSW | SSW | W | 158 |
| 9 | ·575 | ·620 | ·546 | ·639 | ·578 | 78·0 | 79·8 | 83·5 | 79·2 | 81·5 | 85·9 | 77·7 | 8·2 | 0·5 | 151·4 | 65·5 | 76·5 | 1·2 | W by S | W by S | W by S | SSE | 114 |
| 10 | ·624 | ·670 | ·595 | ·682 | ·629 | 77·5 | 82·3 | 84·1 | 79·8 | 81·5 | 86·6 | 77·0 | 9·6 | 3·4 | 154·8 | 68·2 | 75·8 | 1·2 | SSE | SSE | SSE | SE | 142 |
| 11 | ·684 | ·720 | ·634 | ·736 | ·685 | 78·0 | 85·2 | 87·5 | 79·3 | 83·0 | 88·6 | 77·6 | 11·0 | 11·3 | 149·9 | 61·3 | 75·3 | 2·3 | SE by E | SE | SE | SSE | 200 |
| 12 | ·726 | ·767 | ·656 | ·739 | ·713 | 78·0 | 84·5 | 86·0 | 81·3 | 83·3 | 88·7 | 77·8 | 10·9 | 8·2 | 152·3 | 63·6 | 74·8 | 3·0 | SE | S | S | S | 146 |
| 13 | ·726 | ·746 | ·633 | ·709 | ·702 | 77·9 | 85·5 | 88·3 | 81·2 | 84·2 | 89·5 | 77·7 | 11·8 | 11·9 | 150·8 | 61·3 | 73·4 | 4·3 | S | SSE | SSW | SSW | 81 |
| 14 | ·665 | ·708 | ·600 | ·689 | ·663 | 78·3 | 84·3 | 88·3 | 81·7 | 84·4 | 89·1 | 78·3 | 10·8 | 11·9 | 152·2 | 63·1 | 74·2 | 4·1 | SSW | WSW | S | SSW | 86 |
| 15 | ·654 | ·693 | ·601 | ·687 | ·656 | 78·9 | 84·3 | 87·6 | 81·2 | 84·0 | 88·9 | 78·2 | 10·7 | 7·1 | 146·5 | 57·6 | 74·0 | 4·2 | SSW | SSW | S | SW by S | 60 |
| 16 | ·668 | ·702 | ·592 | ·679 | ·657 | 80·2 | 85·3 | 89·3 | 80·3 | 84·3 | 90·2 | 79·5 | 10·7 | 7·8 | 155·4 | 65·2 | 75·5 | 4·0 | SW by S | NE | E | ESE | 98 |
| 17 | ·686 | ·716 | ·621 | ·659 | ·665 | 79·2 | 87·3 | 78·1 | 79·6 | 83·6 | 90·9 | 78·4 | 12·5 | 8·5 | 155·3 | 64·4 | 73·8 | 4·6 | ESE | ESE | E by S | E by S | 101 |
| 18 | ·606 | ·632 | ·540 | ·619 | ·602 | 78·3 | 86·3 | 83·3 | 80·9 | 82·9 | 89·3 | 78·0 | 11·3 | 6·9 | 155·7 | 66·4 | 74·3 | 3·7 | E by S | ESE | ENE | SE | 68 |
| 19 | ·588 | ·635 | ·532 | ·605 | ·583 | 79·2 | 85·8 | 86·1 | 80·5 | 83·2 | 88·5 | 78·7 | 9·8 | 1·7 | 153·7 | 65·2 | 75·4 | 3·3 | E | ESE | SE by E | SE by S | 80 |
| 20 | ·574 | ·616 | ·521 | ·591 | ·571 | 79·6 | 83·3 | 80·3 | 79·8 | 82·0 | 84·9 | 78·8 | 6·1 | 0 | 134·3 | 49·4 | 75·8 | 3·0 | SE | SE | SW | SE by S | 77 |
| 21 | ·546 | ·575 | ·506 | ·574 | ·542 | 78·7 | 83·3 | 79·1 | 77·8 | 81·4 | 85·5 | 78·2 | 7·3 | 4·7 | 144·5 | 59·0 | 76·0 | 2·2 | ESE | SE by E | SSE | SSW | 138 |
| 22 | ·517 | ·559 | ·511 | ·630 | ·551 | 77·7 | 82·6 | 82·4 | 79·4 | 81·1 | 85·7 | 76·7 | 9·0 | 1·8 | 141·9 | 56·2 | 74·8 | 1·9 | SSW | SSE | S by E | S by E | 94 |
| 23 | ·604 | ·674 | ·609 | 683 | ·639 | 77·8 | 82·3 | 85·5 | 82·0 | 82·3 | 86·5 | 76·9 | 9·6 | 6·2 | 153·8 | 67·3 | 75·6 | 1·3 | S | S | S | S | 150 |
| 24 | ·675 | ·719 | ·640 | ·687 | ·684 | 78·1 | 85·3 | 83·4 | 81·4 | 82·8 | 87·0 | 77·7 | 9·3 | 4·6 | 153·4 | 66·4 | 75·8 | 1·9 | SSW | SSW | SSW | SSW | 121 |
| 25 | ·693 | ·725 | ·625 | ·673 | ·681 | 80·1 | 85·8 | 87·3 | 82·3 | 84·6 | 89·7 | 79·9 | 9·8 | 9·3 | 152·4 | 62·7 | 76·8 | 3·1 | SSW | SSW | SW by W | SSW | 117 |
| 26 | ·644 | ·680 | ·569 | ·647 | ·635 | 80·8 | 85·1 | 86·1 | 82·3 | 84·5 | 89·8 | 80·7 | 9·1 | 3·8 | 155·6 | 65·8 | 77·3 | 3·4 | SSW | WNW | S | W by N | 93 |
| 27 | ·602 | ·644 | ·538 | ·604 | ·598 | 79·0 | 84·3 | 81·4 | 79·6 | 81·8 | 87·5 | 76·9 | 10·6 | 3·6 | 156·7 | 69·2 | 75·2 | 1·7 | SSW | ESE | SSE | SE by S | 70 |
| 28 | 605 | ·670 | ·575 | ·664 | ·615 | 76·5 | 84·3 | 87·3 | 81·3 | 82·8 | 88·3 | 76·3 | 12·0 | 9·5 | 152·5 | 64·2 | 73·9 | 2·4 | SSE | SE by S | S | SSE | 135 |
| 29 | ·669 | ·719 | ·617 | ·720 | ·669 | 78·5 | 85·1 | 82·2 | 79·6 | 82·5 | 87·0 | 78·2 | 8·8 | 4·9 | 147·5 | 60·5 | 74·8 | 3·4 | SSE | ESE | E by S | SSE | 109 |
| 30 | ·694 | ·769 | 654 | ·756 | ·709 | 79·2 | 83·1 | 82·8 | 80·3 | 81·7 | 84·7 | 78·4 | 6·3 | 0 | 122·1 | 37·4 | 75·1 | 3·3 | SSE | ESE | SE | SSE | 74 |
| 31 | ·729 | ·780 | ·671 | ·755 | ·730 | 77·9 | 84·5 | 83·0 | 80·3 | 82·4 | 87·7 | 77·5 | 10·2 | 4·9 | 144·8 | 57·1 | 74·1 | 3·4 | SSE | WSW | SSE | SSE | 74 |
| Mean. | 29·627 | 29·670 | 29·580 | 29·660 | 29·628 | 78·7 | 84·2 | 84·1 | 80·5 | 82·9 | 87·5 | 78·1 | 9·5 | Total 161·9 | 147·3 | 59·8 | 75·4 | 2·6 | ... | ... | ... | ... | 122·2 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 76·2 | 77·4 | 77·2 | 76·5 | 77·6 | 75·9 | ·878 | ·901 | ·915 | ·901 | ·918 | ·876 | 91 | 87 | 93 | 95 | 90 | 93 | 1·97 | 10 | 10 | 10 | 10 | P. *o.g.d.* | P.Fk. *o.g.t.p.* | P. Fk. *o.g.d.* |
| 2 | 75·9 | 77·7 | 78·9 | 79·4 | 78·2 | 75·4 | ·862 | ·890 | ·915 | ·992 | ·919 | ·875 | 89 | 81 | 77 | 96 | 85 | 98 | 0·47 | 10 | 10 | 10 | 5 | P. *o.g.d.* | Pc. Cs. *o. g.* | Cs.K. Pk. Ck. Fk. *c.p.* |
| 3 | 77·2 | 79·3 | 78·7 | 79·4 | 79·5 | 75·9 | ·922 | ·921 | ·891 | ·958 | ·952 | ·880 | 95 | 76 | 73 | 85 | 83 | 94 | ... | 6 | 8 | 7 | 8 | C. Ck. Fk.*c.d.* | K. Fk. C. *c.* | K. Ck. Fk. *c.* |
| 4 | 78·7 | 77·2 | 78·7 | 78·5 | 79·8 | 78·6 | ·969 | ·840 | ·874 | ·926 | ·955 | ·973 | 96 | 72 | 69 | 84 | 81 | 98 | ... | 7 | 6 | 9 | 8 | K.Ck. *c.* | K. Cs. *c.* | Cs.C.PcFk.c. |
| 5 | 78·9 | 80·4 | 80·2 | 79·2 | 80·6 | 78·1 | ·966 | ·978 | ·982 | ·959 | ·997 | ·936 | 92 | 81 | 84 | 87 | 84 | 91 | ... | 8 | 8 | 10 | 10 | C. Pc. *c.* | K.Ck.Pc. *c.o.* | Pk. Pc. Ck. Fk. *o. g.* |
| 6 | 78·1 | 80·2 | 79·2 | 77·7 | 79·9 | 76·4 | ·950 | ·965 | ·986 | ·914 | ·983 | ·891 | 95 | 79 | 96 | 88 | 87 | 93 | 0·49 | 10 | 10 | 10 | 9 | Pc. *o.p.* | K.P. *o.g.t. d.p.* | P. Pc. Ck. *o. g. d. c.* |
| 7 | 77·7 | 80·2 | 79·2 | 77·0 | 79·7 | 77·1 | ·931 | ·975 | ·939 | ·889 | ·971 | ·905 | 93 | 82 | 81 | 87 | 86 | 91 | 0·12 | 10 | 10 | 10 | 10 | Ck.Pc.*c. o.* | K.Fk.Pk. *o.g.* | P. Fk. Pc. *o. g. d. p.* |
| 8 | 77·3 | 79·2 | 79·0 | 78·2 | 79·5 | 76·1 | ·911 | ·939 | ·972 | ·953 | ·967 | ·875 | 91 | 81 | 93 | 95 | 87 | 91 | 1·50 | 10 | 9 | 10 | 10 | P.Pc.*o.g.* | K. Fk. Pk. *c. o. g. d.* | P. *o. g. p.* |
| 9 | 76·2 | 77·2 | 78·4 | 77·5 | 78·7 | 76·0 | ·878 | ·901 | ·906 | ·922 | ·944 | ·876 | 91 | 89 | 79 | 92 | 88 | 92 | 0·34 | 10 | 10 | 8 | 10 | P. *o.g.p.* | P.Cs.K. *o.g.c.* | Ck. Cs P. *c. o. g. p.* |
| 10 | 76·7 | 79·7 | 78·4 | 77·2 | 78·4 | 75·9 | ·907 | ·982 | ·896 | ·901 | ·934 | ·883 | 95 | 89 | 76 | 89 | 87 | 95 | 0·68 | 10 | 10 | 8 | 0 | Pc.*o.g.p.* | K. Pk. Fk. *o. c. p.* | K. Cs. *b.c.* |
| 11 | 76·8 | 79·0 | 78·3 | 77·3 | 78·9 | 76·2 | ·910 | ·911 | ·848 | ·911 | ·937 | ·885 | 95 | 76 | 65 | 91 | 83 | 93 | 0·05 | 7 | 7 | 5 | 3 | C.Fk. *c.* | K. Fk. *c. d.* | K.Fk.Pc. *c.d.* |
| 12 | 77·2 | 79·2 | 80·7 | 78·1 | 79·7 | 77·2 | ·922 | ·929 | ·979 | ·923 | ·970 | ·928 | 95 | 78 | 79 | 87 | 85 | 98 | 0·10 | 8 | 6 | 7 | 1 | C. Cs. *c. p.* | K. C. *c. d.* | Cs. K. Pc. *c.* |
| 13 | 77·0 | 79·2 | 79·2 | 78·2 | 80·1 | 76·8 | ·916 | ·915 | ·877 | ·926 | ·975 | ·910 | 95 | 75 | 66 | 87 | 83 | 95 | ... | 3 | 5 | 3 | 1 | C. C.*d.* | K. *c.* | K. Pc. *c.* |
| 14 | 77·4 | 79·2 | 78·6 | 77·7 | 79·9 | 77·4 | ·928 | ·932 | ·848 | ·897 | ·961 | ·928 | 95 | 79 | 64 | 83 | 82 | 95 | 0·02 | 7 | 6 | 3 | 4 | Cs. C.Pc. *c.d.* | K. *c.* | C.K.CkPk. *c.t.d.* |
| 15 | 77·5 | 79·2 | 78·9 | 79·1 | 79·6 | 77·4 | ·925 | ·932 | ·871 | ·969 | ·954 | ·928 | 93 | 79 | 67 | 91 | 82 | 95 | ... | 5 | 8 | 7 | 2 | C. Ck. *c.d.* | K. C. Pk. *c.* | Cs. Pc. *c.* |
| 16 | 79·0 | 79·2 | 80·9 | 78·3 | 79·7 | 77·9 | ·979 | ·918 | ·941 | ·943 | ·954 | ·937 | 96 | 76 | 68 | 91 | 81 | 93 | ... | 7 | 9 | 5 | 0 | Ck.Pc.*c.* | K. Ck. *c.* | K. Ck. *b. c.* |
| 17 | 78·2 | 79·7 | 76·4 | 79·0 | 79·6 | 76·5 | ·953 | ·914 | ·888 | ·986 | ·956 | ·887 | 95 | 71 | 92 | 98 | 84 | 91 | 0·30 | 3 | 6 | 10 | 0 | C. *c.d.* | K.P. *c.o.g.t p.* | Pc. *o. g. b.* |
| 18 | 77·9 | 80·0 | 79·3 | 78·9 | 79·8 | 77·5 | ·951 | ·941 | ·948 | ·963 | ·980 | ·938 | 98 | 75 | 83 | 91 | 87 | 98 | 0·30 | 9 | 8 | 10 | 0 | C. Pc. *c.d.* | K. Pk. P. *c.o. g.t.p.* | Pk. C. *b. c.* |
| 19 | 78·2 | 79·5 | 79·4 | 79·0 | 79·7 | 77·8 | ·953 | ·925 | ·914 | ·972 | ·970 | ·941 | 95 | 75 | 73 | 93 | 86 | 95 | 0·14 | 9 | 6 | 10 | 0 | Ck. Pc. *c.d.* | K. Pc. P. *c.o. g.t.p.* | Pc.Pk.. *o.b.d.* |
| 20 | 79·0 | 79·2 | 79·2 | 78·5 | 79·7 | 78·2 | ·986 | ·945 | ·986 | ·960 | ·983 | ·960 | 98 | 83 | 96 | 94 | 90 | 98 | 0·19 | 10 | 10 | 10 | 3 | Pc.Pk. *o.d.d.* | P. *o. g. t. d.* | P. Pc. *o. g. c.* |
| 21 | 77·2 | 79·2 | 77·9 | 77·2 | 78·9 | 76·9 | ·915 | ·945 | ·944 | ·928 | ·955 | ·910 | 93 | 83 | 95 | 98 | 89 | 94 | 1·39 | 5 | 8 | 10 | 0 | Ck.Pc.*c.* | K. Fk. P. *c.o. g. p. t. d.* | Pk.Ck.*c.b.d.p.* |
| 22 | 76·9 | 78·6 | 78·2 | 77·3 | 78·6 | 76·1 | ·913 | ·925 | ·912 | ·911 | ·947 | ·896 | 95 | 83 | 83 | 91 | 89 | 98 | 0·34 | 10 | 9 | 10 | 10 | Pc.*o.d.p.* | K. Fk. P. *c.o. g.d.* | Ck. Pk. Pc. *c. o. p.* |
| 23 | 76·8 | 78·5 | 79·2 | 79·0 | 79·1 | 75·7 | ·910 | ·922 | ·915 | ·952 | ·996 | ·877 | 95 | 83 | 75 | 87 | 86 | 95 | 0·27 | 10 | 9 | 8 | 3 | P. *o.g.p.* | Pk.K. Fk. Cs. C. *c.* | Cs. K. Pc. *c.* |
| 24 | 77·1 | 80·5 | 80·0 | 79·5 | 80·1 | 76·6 | ·919 | ·975 | ·978 | ·982 | ·993 | ·904 | 95 | 80 | 85 | 91 | 88 | 95 | 0·09 | 8 | 8 | 9 | 0 | Pk. Pc. Fk.*c p.* | K. Pc. *c. g. d.* | Cs. C. *b. c.* |
| 25 | 79·2 | 81·2 | 79·2 | 80·1 | 81·2 | 78·7 | ·986 | 1·005 | ·891 | 1·001 | 1·020 | ·969 | 96 | 81 | 69 | 91 | 86 | 96 | ... | 10 | 7 | 8 | 8 | Pc.C.Ck. *o.* | K. Pk. *c.* | K. Pc. *c.* |
| 26 | 79·0 | 78·2 | 79·5 | 80·9 | 80·5 | 78·9 | ·966 | ·872 | ·921 | 1·036 | ·989 | ·963 | 91 | 72 | 74 | 93 | 84 | 91 | ... | 10 | 9 | 10 | 9 | P.Pc.Ck. *o.g.* | C. Cs. K. Ck. Pk. *c. o. t.* | Pc. Pk. *o. c.* |
| 27 | 78·1 | 80·2 | 78·2 | 77·0 | 78·9 | 75·9 | ·950 | ·978 | ·926 | ·895 | ·950 | ·883 | 95 | 83 | 87 | 89 | 88 | 95 | 1·00 | 9 | 9 | 7 | 1 | Pk.Pc.*c. p.* | K. Pk. Cs. *c. p. t.* | Cs. K. Pc. *c.* |
| 28 | 76·1 | 79·4 | 79·5 | 77·7 | 79·0 | 75·7 | ·896 | ·938 | ·901 | ·904 | ·944 | ·884 | 98 | 79 | 69 | 85 | 84 | 98 | 0·04 | 4 | 7 | 5 | 5 | Cs. Pk. Fk.*c.d.* | K. Fk. *c.* | Cs.K. Pc. Fk. *c.* |
| 29 | 77·6 | 79·2 | 79·2 | 78·2 | 79·5 | 77·3 | ·935 | ·918 | ·959 | ·946 | ·971 | ·925 | 95 | 76 | 87 | 93 | 87 | 95 | 0·06 | 10 | 6 | 10 | 8 | C.Cs.Pc. *o.* | K. Pk. Fk. *c. o. g. t. d.* | Pc.Cs.C. *o.c. d.* |
| 30 | 78·2 | 79·4 | 79·7 | 78·2 | 79·5 | 77·8 | ·953 | ·955 | ·975 | ·940 | ·980 | ·948 | 95 | 84 | 87 | 91 | 90 | 98 | 0·39 | 10 | 10 | 10 | 10 | Pc. *o.* | Pk. K. Pc. *o. g. p.* | Pc. *o. g.* |
| 31 | 77·2 | 79·2 | 78·2 | 78·8 | 79·4 | 77·1 | ·925 | ·929 | ·899 | ·966 | ·965 | ·925 | 97 | 78 | 79 | 93 | 87 | 98 | 0·03 | 9 | 8 | 10 | 10 | K. C. *c. d.d.* | K.Pk. *c.o.g.t.* | C.Cs.Pc. *c.o.* |
| Mean | 77·6 | 79·2 | 79·0 | 78·3 | 79·5 | 76·9 | ·931 | ·933 | ·922 | ·943 | ·964 | ·913 | 94 | 80 | 79 | 91 | 86 | 95 | Total 10·28 | 8·19 | 8·13 | 8·35 | 5·10 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·225 | 29·284 | 29·198 | 29·264 | 29·238 | 78·2 | 79·7 | 81·6 | 78·2 | 79·2 | 81·6 | 76·9 | 4·7 | 0 | 108·0 | 26·6 | 75·6 | 1·3 | W | WSW | WSW | WSW | 178·3 |
| 2 | ·232 | ·264 | ·181 | ·252 | ·227 | 78·7 | 81·9 | 83·3 | 79·7 | 80·7 | 87·7 | 77·1 | 10·6 | 3·0 | 150·2 | 62·5 | 75·7 | 1·4 | N | NNE | NNE | NNE | 156·6 |
| 3 | ·209 | ·260 | ·208 | ·285 | ·235 | 78·1 | 79·4 | 83·5 | 79·2 | 79·8 | 83·7 | 77·2 | 6·5 | 1·0 | 132·4 | 48·7 | 76·8 | 0·4 | WSW | WSW | WSW | S | 184·2 |
| 4 | ·246 | ·283 | ·178 | ·253 | ·235 | 78·2 | 84·0 | 84·3 | 78·5 | 81·0 | 85·3 | 77·1 | 8·2 | 1·4 | 146·2 | 60·9 | 74·6 | 2·5 | S | W | WSW | SSE | 106·3 |
| 5 | ·227 | ·297 | ·197 | ·280 | ·245 | 79·0 | 81·7 | 86·3 | 79·2 | 81·4 | 87·8 | 77·3 | 10·5 | 1·9 | 147·1 | 59·3 | 76·7 | 0·6 | SW | WSW | W | SW | 130·9 |
| 6 | ·267 | ·321 | ·243 | ·323 | ·283 | 79·4 | 85·5 | 87·3 | 80·7 | 83·0 | 88·4 | 78·1 | 10·3 | 0·9 | 159·7 | 71·3 | 77·3 | 0·8 | WSW | W | NW | SSE | 100·7 |
| 7 | ·312 | ·370 | ·247 | ·303 | ·303 | 78·2 | 83·6 | 84·4 | 79·4 | 81·2 | 88·7 | 77·8 | 10·9 | 5·5 | 157·2 | 68·5 | 75·8 | 2·0 | WSW | W | NNW | WSW | 138·3 |
| 8 | ·262 | ·299 | ·214 | ·284 | ·260 | 79·2 | 78·2 | 82·0 | 76·4 | 78·8 | 82·0 | 77·9 | 4·1 | 0 | 113·2 | 31·2 | 76·5 | 1·4 | WSW | NW | WNW | W | 199·9 |
| 9 | ·256 | ·298 | ·215 | ·296 | ·261 | 76·0 | 78·0 | 84·2 | 78·2 | 78·9 | 84·3 | 75·3 | 9·0 | 0·9 | 143·2 | 58·9 | 74·8 | 0·5 | W | NW | W | W | 267·2 |
| 10 | ·281 | ·324 | ·241 | ·296 | ·281 | 77·5 | 79·2 | 80·2 | 79·2 | 78·8 | 80·2 | 76·7 | 3·5 | 0 | ? | ? | 75·7 | 1·0 | W | WNW | N | Calm | 75·0 |
| 11 | ·316 | ·361 | ·277 | ·351 | ·321 | 78·2 | 82·3 | 86·3 | 82·3 | 82·1 | 87·0 | 77·6 | 9·4 | 4·5 | 153·6 | 66·6 | 76·0 | 1·6 | ESE | E | ENE | ENE | 94·5 |
| 12 | ·363 | ·406 | ·315 | ·380 | ·361 | 80·1 | 87·0 | 86·3 | 82·3 | 83·7 | 90·6 | 79·1 | 11·5 | 10·1 | 156·1 | 65·5 | 77·0 | 2·1 | E | SE | SSE | ENE | 181·3 |
| 13 | ·375 | ·375 | ·301 | ·361 | ·348 | 81·3 | 86·8 | 82·5 | 80·2 | 82·5 | 88·4 | 80·4 | 8·0 | 1·3 | 146·4 | 58·0 | 77·7 | 2·7 | Calm | NE | E | E | 58·7 |
| 14 | ·325 | ·362 | ·228 | ·355 | ·313 | 79·2 | 86·3 | 86·3 | 77·2 | 82·0 | 91·2 | 78·2 | 13·0 | 5·2 | 160·0 | 68·8 | 75·3 | 2·9 | E | ESE | ENE | Calm | 62·1 |
| 15 | ·307 | ·378 | ·263 | ·383 | ·328 | 76·7 | 82·0 | 89·6 | 78·1 | 81·4 | 89·8 | 74·8 | 15·0 | 6·2 | 154·3 | 64·5 | 74·6 | 0·2 | Calm | SSW | ENE | WNW | 72·8 |
| 16 | ·358 | ·397 | ·277 | ·377 | ·347 | 77·7 | 85·3 | 87·1 | 81·5 | 82·7 | 87·2 | 76·1 | 11·1 | 6·0 | 159·3 | 72·1 | 76·1 | 0 | E | E | ESE | ENE | 83·7 |
| 17 | ·373 | ·421 | ·299 | ·350 | ·356 | 80·2 | 86·8 | 87·5 | 81·3 | 83·8 | 89·8 | 79·0 | 10·8 | 6·5 | 162·7 | 72·9 | 76·6 | 2·4 | ENE | E | NW | WSW | 66·0 |
| 18 | ·317 | ·335 | ·231 | ·277 | ·285 | 79·2 | 88·7 | 89·0 | 84·1 | 85·0 | 92·4 | 78·5 | 13·9 | 10·1 | 160·2 | 67·8 | 74·7 | 3·8 | Calm | NE | S | Calm | 40·1 |
| 19 | ·270 | ·315 | ·207 | ·275 | ·262 | 81·3 | 90·2 | 87·3 | 83·1 | 85·3 | 90·7 | 78·5 | 12·2 | 3·7 | 166·0 | 75·3 | 75·8 | 2·7 | Calm | ENE | NNW | NNE | 139·8 |
| 20 | ·260 | ·301 | ·200 | ·271 | ·253 | 81·9 | 88·7 | 83·3 | 81·8 | 83·7 | 92·4 | 80·7 | 11·7 | 6·1 | 157·9 | 65·5 | 76·7 | 4·0 | ENE | E | E | ENE | 79·4 |
| 21 | ·267 | ·295 | ·185 | ·289 | ·254 | 81·3 | 88·5 | 87·3 | 81·3 | 84·4 | 91·9 | 80·4 | 11·5 | 7·7 | 157·8 | 65·9 | 77·8 | 2·6 | NE | E | NW | NNW | 126·1 |
| 22 | ·269 | ·322 | ·192 | ·295 | ·265 | 81·0 | 88·3 | 90·5 | 83·3 | 85·6 | 90·8 | 79·6 | 11·2 | 7·7 | 153·2 | 62·4 | 75·9 | 3·7 | ENE | ENE | E | ENE | 151·6 |
| 23 | ·239 | ·271 | ·156 | ·228 | ·219 | 79·4 | 85·3 | 87·0 | 80·9 | 83·0 | 88·4 | 78·5 | 9·9 | 8·7 | 149·7 | 61·3 | 76·0 | 2·5 | NNE | E | ENE | ENE | 271·0 |
| 24 | ·229 | ·275 | ·227 | ·302 | ·253 | 78·3 | 81·7 | 83·6 | 78·9 | 80·4 | 84·4 | 77·6 | 6·8 | 2·4 | 148·0 | 63·6 | 75·6 | 2·0 | E | ENE | E | ENE | 283·9 |
| 25 | ·313 | ·382 | ·273 | ·336 | ·321 | 78·2 | 83·3 | 88·3 | 80·2 | 82·3 | 88·3 | 76·5 | 11·8 | 6·3 | 151·2 | 62·9 | 72·8 | 3·7 | SE | SE | SE | SSE | 107·7 |
| 26 | ·325 | ·382 | ·271 | ·334 | ·323 | 78·3 | 83·3 | 80·3 | 79·2 | 80·1 | 86·8 | 77·1 | 9·7 | 2·8 | 149·3 | 62·5 | 75·5 | 1·6 | S | SW | S | SSW | 111·5 |
| 27 | ·288 | ·332 | ·222 | ·305 | ·282 | 78·2 | 80·2 | 80·2 | 77·2 | 78·8 | 83·6 | 77·1 | 6·5 | 0 | 141·0 | 57·4 | 76·6 | 0·5 | SSE | S | E | ESE | 70·5 |
| 28 | ·283 | ·318 | ·222 | ·306 | ·277 | 75·3 | 83·3 | 86·3 | 78·1 | 80·6 | 88·9 | 74·6 | 14·3 | 7·3 | 155·2 | 66·3 | 73·9 | 0·7 | SSE | E | E | E | 150·7 |
| 29 | ·313 | ·360 | ·270 | ·363 | ·321 | 78·0 | 85·9 | 86·3 | 81·4 | 82·7 | 89·6 | 76·6 | 13·0 | 7·4 | 156·6 | 67·0 | 74·3 | 2·3 | E | E | SE | Calm | 105·4 |
| 30 | ·335 | ·398 | ·292 | ·388 | ·348 | 80·4 | 88·7 | 91·3 | 84·8 | 86·1 | 91·5 | 78·6 | 12·9 | 9·2 | 155·1 | 63·6 | 75·8 | 2·8 | Calm | E | Calm | ENE | 46·9 |
| 31 | ·359 | ·415 | ·307 | ·369 | ·357 | 80·7 | 88·3 | 87·5 | 81·3 | 84·2 | 90·6 | 79·8 | 10·8 | 4·7 | 150·8 | 60·2 | 77·8 | 2·0 | SE | SSE | NE | ENE | 59·8 |
| Mean | 29·290 | 29·336 | 29·237 | 29·314 | 29·289 | 78·9 | 84·3 | 85·5 | 80·2 | 82·0 | 87·9 | 77·8 | 10·1 | Total 138·5 | 150·1 | 61·9 | 75·9 | 1·9 | ... | ... | ... | ... | 122·6 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 76·3 | 77·3 | 79·2 | 76·7 | 77·4 | 75·6 | ·882 | ·906 | ·967 | ·900 | ·914 | ·870 | 91 | 89 | 89 | 93 | 90 | 94 | 1·25 | 10 | 10 | 10 | 10 | Pk.*o.g.d.* | Pk. *o. d g.* | Pk. Pc. *o.g.* |
| 2 | 78·0 | 79 7 | 79·7 | 78 9 | 79·1 | 76·2 | ·951 | ·986 | ·967 | ·979 | ·971 | ·893 | 97 | 90 | 85 | 97 | 92 | 96 | 0·11 | 10 | 10 | 9 | 10 | Pk. *o.r.* | Pk. Cs. Fk. *o. g. c.* | C Cs. Fk. Pk. *c. o.* |
| 3 | 77·2 | 77·1 | 78·5 | 77·2 | 77·5 | 75·7 | ·924 | ·901 | ·909 | ·908 | ·910 | 870 | 96 | 90 | 79 | 91 | 89 | 93 | 0·73 | 10 | 10 | 9 | 10 | Pk.*o.g.d.* | Pk.Ck.*o.g.c.* | Pk. *c. o.* |
| 4 | 76·2 | 79·1 | 81·1 | 78·1 | 78·6 | 75·3 | ·878 | ·930 | 1·020 | ·959 | ·947 | ·854 | 91 | 79 | 86 | 98 | 88 | 92 | 0·27 | 10 | 10 | 8 | 10 | Cs.Pk. *o.* | Pk.Ck. K. Fk. *o.c.* | K. Fk.Pk. *c. o.* |
| 5 | 77·4 | 79·2 | 80·4 | 78·9 | 79 0 | 76·8 | ·920 | ·966 | ·959 | ·986 | ·958 | ·916 | 93 | 89 | 76 | 99 | 89 | 98 | 0·28 | 9 | 10 | 10 | 10 | Ck.Cs. *c.* | Pk.Pc.*o.g.d.* | Pk. Pc.Cs. *o. d. r.* |
| 6 | 78·2 | 80 2 | 79·7 | 79·2 | 79·3 | 77·7 | ·951 | ·961 | ·913 | ·979 | ·951 | ·945 | 94 | 78 | 71 | 93 | 84 | 98 | 1·97 | 10 | 10 | 10 | 5 | Pc.Ck. *o.* | Ck.Cs.Pc.*o.* | Ck.Cs Pc.*c.* |
| 7 | 76·9 | 79·5 | 79·1 | 77·8 | 78·3 | 76·5 | ·909 | ·953 | ·924 | ·932 | ·930 | ·897 | 94 | 83 | 78 | 93 | 87 | 94 | 0·04 | 10 | 10 | 6 | 10 | Pk.Pc. *o.* | Pk. Pc. K. Ck.Cs.*o.c.* | Pc. Cs. K. Pk.*c.o.g.d.* |
| 8 | 76·8 | 76 7 | 79·9 | 76 2 | 77·4 | 76·2 | ·890 | ·900 | ·993 | ·903 | ·922 | ·882 | 89 | 93 | 91 | 99 | 93 | 92 | 0·61 | 10 | 10 | 10 | 10 | Ck.Pk. *o.* | Pk. *o. g.d.* | Pk. *o.g.r.* |
| 9 | 75·2 | 77·2 | 80·2 | 76·6 | 77·3 | 75·1 | ·865 | ·925 | ·978 | ·896 | ·916 | ·870 | 96 | 96 | 83 | 93 | 92 | 99 | 6·91 | 10 | 10 | 10 | 9 | Pk. *g. r.* | Pk.Pc.*o.g.r.* | Pk. *c. o. g.* |
| 10 | 77·1 | 77·7 | 78·6 | 78·2 | 77·9 | 76·5 | ·927 | ·931 | ·958 | ·953 | ·942 | ·912 | 98 | 93 | 93 | 95 | 95 | 99 | 0·34 | 10 | 10 | 10 | 10 | Pk. *o.r.* | Pk.Pc.*o.g.d.* | Pk. *o. g.* |
| 11 | 77·5 | 78·5 | 82·1 | 79·2 | 79·3 | 77·0 | ·936 | ·925 | 1·041 | ·957 | ·965 | ·921 | 97 | 84 | 83 | 87 | 88 | 97 | 0·18 | 10 | 10 | 8 | 2 | Pk.Fk.*o.* | Pk.Fk. K. *o. c.* | Ck.Fk.Pk.*c.* |
| 12 | 79·0 | 82·0 | 81·2 | 80·5 | 80·7 | 78·2 | ·978 | 1·027 | ·998 | 1·018 | 1·005 | ·955 | 95 | 80 | 80 | 92 | 87 | 96 | ... | 10 | 9 | 9 | 2 | Pc. Ck. Cs. *o.* | Pk.Ck.Fk.*c.* | Pk.Ck. Fk.*c.g.t.* |
| 13 | 80·0 | 81·7 | 77·7 | 78·2 | 79·4 | 79·2 | 1·008 | 1·015 | ·886 | ·940 | ·962 | ·983 | 94 | 80 | 80 | 91 | 86 | 95 | 0·01 | 8 | 8 | 10 | 3 | C. Ck. Fk. *c.* | K.Ck.Pc.*co.* | Pc Cs. *o.c.* |
| 14 | 78·2 | 81·2 | 80·2 | 76·5 | 79·0 | 77·3 | ·953 | ·998 | ·949 | ·905 | ·951 | ·927 | 95 | 80 | 76 | 97 | 87 | 96 | 0·04 | 7 | 8 | 9 | 10 | Cs. Ck.*c.* | Ck.K. Pk. Pc. *c. t. d.* | Pk.Pc.*o.g.r. t. d.* |
| 15 | 76·0 | 78 9 | 80·5 | 77·1 | 78 1 | 74 2 | ·890 | ·947 | ·919 | ·919 | ·919 | ·839 | 97 | 87 | 66 | 95 | 86 | 97 | 0·72 | 10 | 10 | 8 | 10 | Pc. *o.* | Pk Fk. Ck. K. *o. c.* | Pk.Pc.*c.o.g.* |
| 16 | 76·2 | 79·2 | 79·7 | 79·5 | 78·9 | 75·2 | ·885 | ·916 | ·916 | ·982 | ·925 | ·863 | 93 | 76 | 70 | 91 | 82 | 96 | 0·18 | 10 | 10 | 8 | 9 | Pk. Pc. *o. d.* | Ck.Cs. K. C.Fk.*o.c.* | Pk.Pc.Ck. *o. g. c.* |
| 17 | 79·0 | 82·4 | 82·3 | 80·2 | 81·0 | 78·3 | ·976 | 1·049 | 1·035 | 1·017 | 1·019 | ·961 | 95 | 82 | 79 | 95 | 88 | 97 | ... | 7 | 7 | 9 | 0 | Ck. K. Cs.*c.* | C.Fk. Ck. Cs.K. *c.* | K.Fk. Cs. *c. b.* |
| 18 | 79·1 | 82·2 | 84·0 | 82 7 | 82·0 | 78·2 | ·995 | 1·013 | 1·100 | 1·101 | 1·052 | ·963 | 100 | 75 | 80 | 94 | 87 | 99 | ... | 3 | 5 | 5 | 0 | C. Cs. *c* | Fk. K.C. *c.* | C. Fk. *c.b.* |
| 19 | 80·0 | 84·2 | 80·2 | 81·2 | 81·4 | 78·1 | 1·008 | 1·094 | ·936 | 1·040 | 1·020 | ·959 | 94 | 77 | 72 | 91 | 84 | 98 | ... | 7 | 9 | 10 | 0 | C. Ck.*c.* | Cs.Fk K Pc. *c. o.* | Pc. *c. b.* |
| 20 | 80 2 | 82·7 | 78·2 | 79·2 | 80·1 | 79·4 | 1·009 | 1·038 | ·898 | ·964 | ·977 | ·988 | 92 | 77 | 79 | 89 | 84 | 94 | 0·01 | 8 | 7 | 10 | 4 | C. Ck. Cs. *c.* | Ck.Fk.K.Pk. Pc. *r.c.g o.t.* | Pk. Pc. C. *c.g.* |
| 21 | 80·4 | 82·7 | 81·1 | 79·4 | 80·9 | 78 0 | 1·027 | 1·041 | ·979 | ·980 | 1 007 | ·928 | 96 | 77 | 75 | 91 | 85 | 89 | ... | 9 | 7 | 9 | 3 | Ck. Fk. *c.* | K. Pk. Pc. Cs. *c.* | Pk. Pc. C. Cs. *o.g.d.r.* |
| 22 | 79·2 | 82·0 | 81·1 | 79·1 | 80·4 | 78·1 | ·975 | 1·009 | ·936 | ·939 | ·965 | ·943 | 92 | 75 | 65 | 82 | 78 | 93 | ... | 7 | 7 | 9 | 3 | C.Cs. K. *c.* | Ck.Fk *c.* | C. Fk.Pk.*c lr.* |
| 23 | 78 5 | 79·1 | 78 6 | 77·4 | 78·4 | 76·8 | ·964 | ·912 | ·866 | ·894 | ·909 | ·900 | 96 | 75 | 67 | 85 | 81 | 92 | 0·10 | 10 | 9 | 6 | 1 | Pk. *o.* | Fk.Kc. Pk. *c.* | C.Cs.Fk. *c.* |
| 24 | 76·0 | 78·2 | 79 2 | 76·4 | 77·4 | 75·2 | ·868 | ·919 | ·940 | ·877 | ·901 | ·843 | 90 | 85 | 81 | 89 | 86 | 89 | 0·83 | 9 | 8 | 8 | 9 | Pk. *c.* | Fk.K.Pk. *c* | Pk.Pc.Ck. *o. c. r.* |
| 25 | 76·0 | 77·5 | 79·3 | 77·4 | 77·6 | 74·9 | ·869 | ·866 | ·881 | ·904 | ·880 | ·845 | 90 | 76 | 66 | 88 | 80 | 93 | 0·36 | 7 | 9 | 6 | 3 | Cs. Ck. Pk. *c.* | Pk.Ck K.*c.* | Fk.K.C Ck. *c.* |
| 26 | 77·0 | 77·7 | 78·7 | 77·5 | 77·7 | 76·1 | ·912 | ·875 | ·961 | ·922 | ·918 | ·889 | 94 | 77 | 93 | 92 | 89 | 95 | 0·19 | 10 | 10 | 10 | 10 | Cs.Ck.*c.* | Pk. *o.r.g.* | Pk. Pc. *o.* |
| 27 | 77·2 | 78·7 | 78·6 | 76·4 | 77·7 | 76·7 | ·922 | ·962 | ·958 | ·900 | ·936 | ·915 | 95 | 93 | 93 | 96 | 94 | 98 | 2·11 | 10 | 10 | 10 | 10 | Ck.Pk. *o.* | Pk. *o.r. g.* | Pk. *o. g.d.* |
| 28 | 74·3 | 79·2 | 80·2 | 75·7 | 77 4 | 73·7 | ·836 | ·943 | ·949 | ·858 | ·896 | ·820 | 95 | 83 | 76 | 89 | 86 | 96 | 0·77 | 9 | 10 | 6 | 10 | Ck.Pk.*c.* | Pk.Fk.Ck. *o c.* | Ck Cs,Pk. *c o.g. d.t.* |
| 29 | 76·7 | 80·8 | 81·3 | 80·2 | 79·8 | 75 6 | ·903 | ·984 | 1·003 | 1·016 | ·976 | ·874 | 94 | 80 | 80 | 95 | 87 | 95 | 0·94 | 7 | 7 | 10 | 7 | Ck. Fk. Cs *c. r.* | Ck. Fk. K. Pk.Cs.*c.o.* | Pk.Cs.Ck. *o. g. c.* |
| 30 | 79·4 | 83·0 | 82·4 | 82·2 | 81·8 | 78·2 | ·992 | 1·053 | ·988 | 1·067 | 1·025 | ·962 | 96 | 78 | 67 | 87 | 82 | 98 | ... | 4 | 4 | 9 | 7 | Cs.Fk. *c.* | Ck. Fk. K Cs. *c.* | Fk.Cs.Ck.*c.* |
| 31 | 79·2 | 81·4 | 82 7 | 78·7 | 80·5 | 78·5 | ·979 | ·980 | 1·055 | ·948 | ·990 | ·959 | 93 | 73 | 81 | 89 | 84 | 95 | ... | 8 | 9 | 10 | 4 | C.Cs. *c.* | C.Ck.Cs.K. Pc. *c. o. g.* | Pc.Ck *o.g.c.* |
| Mean | 77·7 | 79·9 | 80·2 | 78 5 | 79·1 | 76·7 | ·935 | ·965 | ·961 | ·953 | ·954 | ·908 | 94 | 82 | 79 | 92 | 87 | 95 | Total 18·95 | 8·68 | 8·81 | 8·74 | 6·48 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·201 | 29·135 | 82·7 | 86·1 | 87·8 | 77·8 | 10·0 | 135·7 | 47·9 | 77·1 | 0·7 | NNW | NNW | WNW | Calm | 76 |
| 2 | ·245 | ·164 | 86·6 | 89·1 | 91·3 | 77·8 | 13·5 | 148·7 | 57·4 | 77·1 | 0·7 | NW | WSW | NW | NW | 84 |
| 3 | ·219 | ·116 | 81·7 | 82·7 | 91·3 | 76·8 | 14·5 | 141·7 | 50·4 | 76·1 | 0·7 | WNW | WNW | N NW | NNW | 173 |
| 4 | ·217 | ·105 | 82·2 | 86·6 | 87·3 | 76·8 | 10·5 | 140·7 | 53·4 | 76·1 | 0·7 | NNW | NNW | NNW | NNW | 148 |
| 5 | ·191 | ·132 | 81·7 | 84·6 | 86·3 | 77·8 | 8·5 | 136·7 | 50·4 | 77·1 | 0·7 | NNW | NNE | NE | NE | 106 |
| 6 | ·245 | ·200 | 81·7 | 83·7 | 87·3 | 77·8 | 9·5 | 141·7 | 54·4 | 77·1 | 0·7 | NE | NE | N | Calm | 122 |
| 7 | ·306 | ·198 | 83·2 | 86·6 | 86·3 | 78·8 | 7·5 | 137·7 | 51·4 | 77·1 | 1·7 | N | N | E | NNE | 85 |
| 8 | ·233 | ·145 | 81·7 | 85·6 | 86·8 | 76·8 | 10·0 | 129·7 | 42·9 | 76·1 | 0·7 | NNE | NNE | NE | NNW | 142 |
| 9 | ·239 | ·153 | 75·7 | 80·7 | 84·2 | 73·8 | 10·4 | 136·7 | 52·5 | 73·0 | 0·8 | NNW | NNW | NNW | NNW | 128 |
| 10 | ·267 | ·190 | 78·7 | 79·7 | 82·2 | 76·8 | 5·4 | 123·7 | 41·5 | 76·1 | 0·7 | NNW | NNW | NW | ? | 70 |
| 11 | ·313 | ·243 | 79·7 | 84·6 | 86·3 | 76·8 | 9·5 | 140·7 | 54·4 | 76·1 | 0·7 | SSW | SSW | SSW | S | 152 |
| 12 | ·365 | ·297 | 79·7 | 85·6 | 88·3 | 77·8 | 10·5 | 149·7 | 61·4 | 76·1 | 1·7 | S | S | NNW | NNW | 134 |
| 13 | ·339 | ·253 | 86·1 | 80·7 | 87·3 | 77·8 | 9·5 | 143·7 | 56·4 | 76·1 | 1·7 | NNW | NNW | NW | NW | 48 |
| 14 | ·308 | ·214 | 85·6 | 77·7 | 88·8 | 76·8 | 12·0 | 137·7 | 48·9 | 75·1 | 1·7 | NW | NW | Calm | ESE | 50 |
| 15 | ·313 | ·205 | 80·7 | 83·7 | 86·3 | 75·8 | 10·5 | 153·7 | 67·4 | 74·1 | 1·7 | ESE | ESE | SSE | SSE | 47 |
| 16 | ·341 | ·247 | 81·7 | 83·7 | 86·3 | 75·8 | 10·5 | 150·7 | 64·4 | 75·1 | 0·7 | SSE | SSE | SW | Calm | 31 |
| 17 | ·393 | ·270 | 78·7 | 84·6 | 85·3 | 76·8 | 8·5 | 143·7 | 58·4 | 76·1 | 0·7 | SW | SW | Calm | Calm | 35 |
| 18 | ·387 | ·287 | 87·8 | 93·0 | 94·0 | 76·3 | 17·7 | 154·7 | 60·7 | 73·7 | 2·6 | Calm | Calm | W | WNW | 15 |
| 19 | ·262 | ·160 | 88·1 | 92·5 | 94·8 | 79·8 | 15·0 | 155·7 | 60·9 | 78·1 | 1·7 | WNW | WNW | Calm | WNW | 29 |
| 20 | ·260 | ·162 | 80·2 | 85·6 | 86·8 | 77·8 | 9·0 | 145·7 | 58·9 | 76·1 | 1·7 | WNW | SSW | NE | NE | 83 |
| 21 | ·291 | ·193 | 75·2 | 85·6 | 88·3 | 74·3 | 14·0 | 144·7 | 56·4 | 73·0 | 1·3 | NE | SE | ESE | E | 81 |
| 22 | ·289 | ·193 | 85·6 | 89·6 | 91·3 | 73·8 | 17·5 | 149·2 | 57·9 | 73·0 | 0·8 | S | ? | SSE | S | 95 |
| 23 | ·284 | ·185 | 83·7 | 85·6 | 88·3 | 77·8 | 10·5 | 142·2 | 53·9 | 70·0 | 7·8 | SSE | SE | SE | SE | 170 |
| 24 | ·248 | ·163 | 84·6 | 87·6 | 89·3 | 78·8 | 10·5 | 143·7 | 54·4 | 74·1 | 4·7 | SE | S | S | SSW | 209 |
| 25 | ·300 | ·219 | 83·2 | 85·6 | 88·5 | 76·8 | 11·7 | 142·2 | 54·7 | 74·1 | 2·7 | SSW | SSW | SW | SW | 143 |
| 26 | ·302 | ·203 | 81·7 | 85·1 | 88·3 | 76·8 | 11·5 | 152·7 | 64·4 | 76·1 | 0·7 | SW | WSW | NNW | NNW | 75 |
| 27 | ·251 | ·171 | 83·7 | 80·7 | 87·3 | 78·3 | 9·0 | 151·7 | 64·4 | 77·1 | 1·2 | NNW | WNW | W | W | 106 |
| 28 | ·286 | ·197 | 84·6 | 87·6 | 90·3 | 77·8 | 12·5 | 147·7 | 57·4 | 77·1 | 0·7 | W | WSW | N | N | 149 |
| 29 | ·314 | ·247 | 86·1 | 81·7 | 92·0 | 78·8 | 13·2 | 156·4 | 64·4 | 76·1 | 2·7 | N | N | NE | N | 106 |
| 30 | ·342 | ·263 | 86·6 | 83·2 | 91·3 | 78·8 | 12·5 | 143·7 | 52·4 | 77·6 | 1·2 | Calm | N | NNE | NNE | 49 |
| 31 | ·350 | ·278 | 82·7 | 87·6 | 88·3 | 78·8 | 9·5 | 144·7 | 56·4 | 76·1 | 2·7 | NNE | N | NW | NW | 68 |
| Mean | 29·287 | 29·200 | 82·6 | 85·1 | 88·3 | 77·2 | 11·1 | 144·1 | 55·8 | 75·6 | 1·6 | ... | ... | ... | ... | 97·4 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 79·9 | 81·9 | 77·8 | ·985 | 1·024 | ·918 | 87 | 84 | 95 | 0·08 | 10 | 6 | Pc. *p.* | K. | Pc. *p. t.* ≺ |
| 2 | 79·9 | 81·9 | 75·5 | ·931 | ·993 | ·853 | 74 | 73 | 89 | 0·26 | 7 | 7 | K. Pc. | K. P. *r.* | K. ≺ |
| 3 | 78·9 | 80·9 | 76·0 | ·952 | 1·031 | ·889 | 87 | 91 | 95 | 0·15 | 10 | 7 | Pc. *p.* | Pc. *p.* | Pc. *p. t.* ≺ |
| 4 | 78·9 | 80·9 | 75·5 | ·945 | ·979 | ·867 | 85 | 78 | 93 | 0·24 | 10 | 6 | Pc. | Pk. P. *r.* / | Pc. *r. t.* ≺ |
| 5 | 78·9 | 80·9 | 76·5 | ·953 | 1·013 | ·897 | 87 | 85 | 93 | 2·16 | 10 | 8 | Pc. *r.* | Pc. *r.* | Pk. |
| 6 | 77·9 | 79·9 | 76·5 | ·906 | ·971 | ·897 | 83 | 83 | 93 | 0·65 | 10 | 8 | Pc. | Pk. / | Pk. P. *r. t.* ≺ |
| 7 | 79·9 | 81·9 | 76·5 | ·978 | 1·027 | ·883 | 85 | 82 | 89 | 0·21 | 7 | 6 | K. | K. P. *r.* | K. |
| 8 | 77·9 | 79·9 | 75·5 | ·908 | ·945 | ·867 | 83 | 78 | 93 | 0·04 | 10 | 7 | Pc. *d.* | Pc. *d.* | Pc. *d. r. t.* ≺ |
| 9 | 75·0 | 78·4 | 73·5 | ·862 | ·943 | ·823 | 98 | 89 | 98 | 5·41 | 10 | 10 | P. *r.* | P. *r.* | P. *r.* ≺ |
| 10 | 77·9 | 78·4 | 75·5 | ·947 | ·956 | ·867 | 95 | 93 | 93 | 0·49 | 10 | 10 | Pc. *r.* | Pc. *d.* | Pc. *d.* / ≺ |
| 11 | 77·9 | 80·4 | 75·5 | ·933 | ·982 | ·867 | 91 | 83 | 93 | 0·60 | 10 | 7 | Pc. *d.* | Pc. *d.* | P. *d.* ≺ |
| 12 | 78·4 | 78·9 | 75·5 | ·956 | ·898 | ·853 | 93 | 74 | 89 | 0·02 | 10 | 6 | Pk. | Pc. / | K. |
| 13 | 80·9 | 78·9 | 77·0 | ·986 | ·965 | ·918 | 80 | 91 | 98 | 0·13 | 8 | 10 | Pc. | Pc. *d.* | Pc. ≺ |
| 14 | 80·4 | 76·9 | 75·5 | ·969 | ·915 | ·867 | 79 | 95 | 93 | 0·39 | 7 | 10 | Pc. | Pc. *r.* | Pc. *t.* ≺ |
| 15 | 78·4 | 79·9 | 75·0 | ·943 | ·969 | ·859 | 89 | 83 | 95 | 0·53 | 10 | 10 | Pc. | Pc. *r.* | Pc. *d.* ≺ |
| 16 | 77·9 | 78·9 | 74·5 | ·920 | ·925 | ·838 | 83 | 79 | 93 | 0·03 | 10 | 8 | Pc. | Pk. P. *d.* | K. P. *d.* ≺ |
| 17 | 76·9 | 78·9 | 75·5 | ·902 | ·912 | ·867 | 91 | 77 | 93 | 0·25 | 10 | 7 | Pc. *d.* | K. | K. |
| 18 | 80·6 | 80·9 | 75·2 | ·949 | ·892 | ·861 | 73 | 58 | 95 | ... | 5 | 5 | K. | K. | K. |
| 19 | 81·9 | 83·9 | 78·5 | 1·007 | 1·047 | ·959 | 76 | 69 | 93 | ... | 8 | 10 | Pc. | Pc. | Pc. *t.* ≺ |
| 20 | 77·9 | 78·9 | 76·0 | ·926 | ·898 | ·875 | 89 | 74 | 95 | ... | 10 | 5 | Pc. | Pc. | K. P. *r. t.* ≺ |
| 21 | 75·0 | 76·9 | 73·0 | ·867 | ·808 | ·796 | 100 | 66 | 93 | 3·06 | 10 | 10 | P. *r.* | Pc. | Pc. *r.* ≺ |
| 22 | 80·9 | 79·9 | 73·2 | ·992 | ·891 | ·801 | 81 | 65 | 98 | 2·20 | 7 | 7 | Pk. | Pk. Pc. | Pc. *t.* ≺ |
| 23 | 78·4 | 78·9 | 70·5 | ·902 | ·892 | ·649 | 77 | 74 | 68 | ... | 10 | 8 | Pc. | Pc. Pk. / | Pk. P *r. t.* ≺ / |
| 24 | 78·9 | 79·9 | 76·0 | ·912 | ·918 | ·861 | 77 | 71 | 87 | 0·45 | 7 | 8 | K. Fk. | Pk. P. Fk. / *r.* | Pc. / |
| 25 | 77·9 | 78·9 | 75·0 | ·886 | ·898 | ·845 | 77 | 74 | 91 | ... | 8 | 6 | Pk. | Pk. / | K. / |
| 26 | 77·9 | 79·9 | 76·5 | ·906 | ·952 | ·910 | 83 | 79 | 98 | 0·08 | 8 | 6 | Pc. *r.* | Pc. Pk. | K. |
| 27 | 79·9 | 78·9 | 77·0 | ·971 | ·965 | ·912 | 83 | 91 | 93 | 0·06 | 10 | 7 | Pc. | Pc. K. P. / *d.* | Pk. |
| 28 | 77·9 | 80·9 | 76·5 | ·866 | ·965 | ·897 | 74 | 74 | 93 | 0·02 | 7 | 5 | Pc. *d.* | Pc. K. / | K. |
| 29 | 80·9 | 77·9 | 76·5 | ·986 | ·906 | ·883 | 80 | 83 | 89 | ... | 6 | 10 | K. | Pc. | Pc. *r. t.* ≺ |
| 30 | 80·9 | 81·9 | 77·5 | ·979 | 1·073 | ·927 | 78 | 94 | 93 | 1·15 | 6 | 10 | K. | Pc. *r.* | Pc. *t.* ≺ |
| 31 | 80·9 | 81·9 | 77·5 | 1·031 | 1·014 | ·927 | 91 | 78 | 93 | ... | 10 | 8 | Pc. | Pk. | Pk. ≺ |
| Mean . | 78·9 | 79·9 | 75·7 | ·941 | ·954 | ·869 | 84 | 80 | 92 | Total 18·66 | 8·74 | 7·68 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours | 22 hours. | Total miles. |
| 1 | 28·739 | 28·785 | 28·693 | 28·756 | 28·743 | 81·7 | 91·2 | 90·4 | 85·7 | 87·3 | 96·6 | 80·8 | 15·8 | 7·2 | 161·0 | 64·4 | 78·5 | 2·3 | Calm | NW | SE | E | 31·1 |
| 2 | ·784 | ·906 | ·883 | ·906 | ·870 | 80·2 | 76·7 | 78·4 | 78·7 | 78·5 | 79·0 | 73·9 | 5·1 | 0 | 89·0 | 10·0 | 75·6 | 3·3 | Calm | SE | NE | Calm | 152·1 |
| 3 | ·853 | ·895 | ·817 | ·807 | ·843 | 76·7 | 86·2 | 81·2 | 79·2 | 80·8 | 91·7 | 75·4 | 16·3 | 5·3 | 167·0 | 75·3 | 74·6 | 0·8 | NE | Calm | NE | Calm | 33·3 |
| 4 | ·778 | ·799 | ·737 | ·791 | ·776 | 76·2 | 77·2 | 83·8 | 80·0 | 79·3 | 84·1 | 74·9 | 9·2 | 2·2 | 139·0 | 54·9 | 74·6 | 0·3 | N | Calm | SE | E | 27·4 |
| 5 | ·763 | ·811 | ·737 | ·776 | ·772 | 78·2 | 87·2 | 89·5 | 82·2 | 84·3 | 92·7 | 76·9 | 15·8 | 8·2 | 158·0 | 65·3 | 76·4 | 0·5 | Calm | S | ENE | E | 42·6 |
| 6 | ·769 | ·833 | ·753 | ·807 | ·790 | 79·2 | 85·7 | 91·7 | 84·2 | 85·2 | 92·7 | 78·4 | 14·3 | 10·3 | 155·0 | 62·3 | 77·0 | 1·4 | E | E | E | E | 92·5 |
| 7 | ·788 | ·856 | ·774 | ·774 | ·798 | 81·2 | 87·2 | 91·2 | 85·5 | 86·3 | 93·5 | 79·4 | 14·1 | 3·3 | 161·8 | 68·3 | 78·5 | 0·9 | SE | S | S | E | 75·2 |
| 8 | ·741 | ·783 | ·694 | ·732 | ·738 | 80·2 | 89·2 | 95·2 | 86·7 | 87·8 | 96·1 | 78·9 | 17·2 | 8·4 | 159·0 | 62·9 | 76·5 | 2·4 | Calm | S | SW | S | 59·5 |
| 9 | ·740 | ·837 | ·770 | ·819 | ·792 | 80·7 | 87·0 | 91·2 | 83·0 | 85·5 | 91·1 | 79·8 | 11·3 | 2·0 | 156·0 | 64·9 | 78·5 | 1·3 | SE | N | SE | Calm | 96·0 |
| 10 | ·845 | ·919 | ·825 | ·888 | ·869 | 77·7 | 82·0 | 88·2 | 82·2 | 82·5 | 88·6 | 73·9 | 14·7 | 2·5 | 151·5 | 62·9 | 73·6 | 0·3 | W | E | N | Calm | 51·7 |
| 11 | ·910 | ·963 | ·880 | ·922 | ·920 | 79·2 | 84·2 | 85·2 | 81·5 | 82·5 | 89·7 | 78·7 | 11·0 | 1·8 | 148·0 | 58·3 | 76·5 | 2·2 | E | SE | NE | E | 88·4 |
| 12 | ·902 | ·975 | ·934 | ·983 | ·948 | 79·2 | 78·2 | 76·2 | 76·7 | 77·6 | 80·8 | 76·4 | 4·4 | 0 | 101·0 | 20·2 | 76·5 | 2·4 | E | E | E | E | 110·7 |
| 13 | ·918 | ·953 | ·869 | ·892 | ·908 | 75·1 | 80·2 | 79·2 | 75·9 | 77·6 | 82·7 | 73·9 | 8·8 | 0 | 134·0 | 51·3 | 73·6 | 0·3 | E | ESE | ESE | E | 115·0 |
| 14 | ·831 | ·861 | ·791 | ·859 | ·835 | 75·9 | 79·8 | 80·7 | 78·5 | 78·7 | 82·1 | 74·5 | 7·6 | 1·6 | 134·5 | 52·4 | 74·3 | 0·2 | E | ESE | E | E | 170·0 |
| 15 | ·835 | ·898 | ·839 | ·859 | ·858 | 77·2 | 80·7 | 86·7 | 80·2 | 81·2 | 88·1 | 76·2 | 11·9 | 6·0 | 161·8 | 73·7 | 74·6 | 1·6 | E | NE | NE | Calm | 67·5 |
| 16 | ·855 | ·923 | ·836 | ·898 | ·878 | 78·0 | 88·7 | 94·0 | 84·0 | 86·2 | 93·6 | 76·7 | 16·9 | 12·0 | 156·0 | 62·4 | 73·6 | 3·1 | Calm | SE | Calm | Calm | 23·5 |
| 17 | ·909 | 29·006 | ·910 | ·920 | ·936 | 79·2 | 81·2 | 88·6 | 80·4 | 82·4 | 89·1 | 73·9 | 15·2 | 9·2 | 158·0 | 68·9 | 76·4 | 0·5 | SE | E | E | Calm | 81·7 |
| 18 | ·914 | 28·948 | ·829 | ·824 | ·879 | 77·1 | 87·7 | 91·7 | 82·2 | 84·7 | 92·9 | 77·4 | 15·5 | 11·7 | 162·5 | 69·6 | 74·6 | 2·8 | Calm | E | Calm | Calm | 32·0 |
| 19 | ·835 | ·887 | ·791 | ·809 | ·831 | 80·7 | 90·2 | 96·0 | 84·2 | 87·8 | 95·9 | 78·9 | 17·0 | 12·3 | 163·0 | 67·1 | 75·6 | 3·3 | Calm | SE | N | Calm | 30·9 |
| 20 | ·785 | ·836 | ·720 | ·756 | ·774 | 81·2 | 93·2 | 96·2 | 87·0 | 89·4 | 98·3 | 80·8 | 17·5 | 11·6 | 159·0 | 60·7 | 77·5 | 3·3 | Calm | N | S | Calm | 37·4 |
| 21 | ·769 | ·869 | ·764 | ·834 | ·809 | 82·4 | 90·2 | 93·2 | 85·2 | 87·8 | 94·5 | 80·8 | 13·7 | 9·1 | 163·0 | 68·5 | 78·5 | 2·3 | SE | E | E | E | 73·3 |
| 22 | ·814 | ·929 | ·851 | ·913 | ·877 | 81·0 | 87·2 | 94·2 | 83·7 | 86·5 | 94·1 | 79·8 | 14·3 | 7·1 | 151·6 | 57·5 | 78·0 | 1·8 | Calm | NW | N | E | 90·7 |
| 23 | ·901 | ·956 | ·853 | ·887 | ·899 | 80·7 | 80·2 | 91·6 | 81·2 | 83·4 | 92·1 | 78·4 | 13·7 | 9·9 | 151·0 | 58·9 | 77·5 | 0·9 | Calm | N | E | Calm | 67·1 |
| 24 | ·884 | ·929 | ·850 | ·862 | ·881 | 77·8 | 90·0 | 95·2 | 85·5 | 87·1 | 96·1 | 77·4 | 18·7 | 11·8 | 157·0 | 60·9 | 73·6 | 3·8 | Calm | Calm | NE | Calm | 30·1 |
| 25 | ·869 | ·947 | ·851 | ·876 | ·888 | 81·2 | 87·2 | 93·2 | 81·7 | 85·8 | 95·9 | 79·8 | 16·1 | 6·8 | 159·0 | 63·1 | 78·5 | 1·3 | Calm | SE | E | Calm | 56·8 |
| 26 | ·867 | ·930 | ·817 | ·837 | ·863 | 81·0 | 91·7 | 96·7 | 84·2 | 88·4 | 97·3 | 78·9 | 18·4 | 11·8 | 161·0 | 63·7 | 75·6 | 3·3 | Calm | SW | Calm | NE | 42·3 |
| 27 | ·800 | ·878 | ·778 | ·845 | ·825 | 80·2 | 87·2 | 94·8 | 83·2 | 86·4 | 95·6 | 79·4 | 16·2 | 9·6 | 153·0 | 57·4 | 78·5 | 0·9 | E | N | N | E | 84·7 |
| 28 | ·840 | ·956 | ·853 | ·926 | ·894 | 76·8 | 84·2 | 88·8 | 83·2 | 83·2 | 90·1 | 71·9 | 18·2 | 8·2 | 152·0 | 61·9 | 70·6 | 1·3 | NW | NE | SE | E | 96·6 |
| 29 | ·953 | 29·009 | ·904 | ·953 | ·954 | 77·4 | 86·2 | 92·4 | 81·7 | 84·4 | 93·1 | 75·9 | 17·2 | 11·2 | 155·0 | 61·9 | 74·6 | 1·3 | E | SE | S | Calm | 74·0 |
| 30 | ·966 | 28·995 | ·907 | ·955 | ·956 | 77·2 | 90·2 | 94·2 | 83·2 | 86·2 | 95·3 | 75·9 | 19·4 | 11·7 | 159·0 | 63·7 | 72·6 | 3·3 | Calm | NE | Calm | Calm | 37·6 |
| 31 | ·908 | 29·001 | ·898 | ·933 | ·935 | 79·2 | 88·0 | 95·0 | 82·2 | 86·1 | 96·1 | 77·9 | 18·2 | 6·5 | 158·0 | 61·9 | 75·1 | 2·8 | Calm | E | E | Calm | 25·9 |
| Mean | 28·841 | 28·906 | 28·819 | 28·858 | 28·856 | 79·0 | 85·7 | 89·8 | 82·4 | 84·2 | 91·6 | 77·3 | 14·3 | Total 219·2 | 151·4 | 59·8 | 75·8 | 1·8 | ... | ... | ... | ... | 67·7 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 80·3 | 83·8 | 82·3 | 80·3 | 81·7 | 79·7 | 1·017 | 1·059 | ·996 | ·963 | 1·009 | 1·001 | 93 | 72 | 70 | 78 | 78 | 96 | ... | 4 | 6 | 10 | 6 | Ck. *c.* | Cs. Pc. *c.* | Pc. *c.* |
| 2 | 79·1 | 75·7 | 77·3 | 77·8 | 77·5 | 72·8 | ·981 | ·877 | ·924 | ·942 | ·931 | ·773 | 96 | 95 | 95 | 95 | 95 | 95 | 0·89 | 10 | 10 | 10 | 8 | Pc. *o. r.* | Pc. *o. r.* | Pc. *o.* |
| 3 | 75·2 | 80·8 | 79·3 | 78·3 | 78·4 | 74·8 | ·855 | ·980 | ·977 | ·958 | ·943 | ·856 | 93 | 78 | 91 | 95 | 89 | 98 | 0·27 | 7 | 6 | 10 | 10 | Cs. *c.* | Pc. Pk. *o.* | Pk. *o.* |
| 4 | 75·5 | 76·3 | 80·3 | 78·8 | 77·7 | 74·6 | ·875 | ·896 | ·988 | ·970 | ·932 | ·854 | 97 | 95 | 85 | 95 | 93 | 98 | 2·81 | 10 | 10 | 6 | 6 | Pc. *o. r.* | Pc. *c.* | Ck. *c.* |
| 5 | 77·3 | 81·7 | 82·8 | 80·3 | 80·5 | 76·7 | ·927 | 1·010 | 1·032 | 1·010 | ·995 | ·917 | 95 | 78 | 75 | 91 | 85 | 99 | ... | 9 | 7 | 4 | 0 | Pc. *o.* | Pk. Pc. *c.* | *b.* |
| 6 | 78·3 | 80·9 | 81·5 | 81·3 | 80·5 | 77·5 | ·958 | ·991 | ·939 | 1·031 | ·980 | ·933 | 95 | 80 | 63 | 87 | 81 | 95 | ... | 2 | 3 | 0 | 2 | Cs. Ck. *c.* | *b.* | Ck. *b.* |
| 7 | 78·9 | 81·3 | 83·8 | 80·5 | 81·1 | 77·7 | ·959 | ·990 | 1·059 | ·975 | ·996 | ·929 | 90 | 76 | 72 | 79 | 79 | 92 | ... | 10 | 7 | 8 | 10 | Pc. *o.* | Pc. Pk. ∞ | Pc. ∞ |
| 8 | 78·8 | 80·3 | 81·3 | 79·3 | 79·9 | 77·2 | ·967 | ·914 | ·881 | ·902 | ·916 | ·912 | 93 | 66 | 53 | 70 | 71 | 92 | ... | 4 | 2 | 4 | 0 | Cs. ∞ | Cs. Pk. *c.* | ∞ |
| 9 | 77·0 | 78·5 | 77·3 | 79·3 | 78·0 | 75·7 | ·879 | ·861 | ·751 | ·952 | ·861 | ·835 | 84 | 67 | 51 | 85 | 72 | 82 | ... | 7 | 10 | 0 | 0 | Ck. *c.* | Pc. *o.* ∅ | *b.* |
| 10 | 74·5 | 78·3 | 80·3 | 78·5 | 77·9 | 73·6 | ·812 | ·920 | ·928 | ·926 | ·896 | ·826 | 86 | 85 | 69 | 84 | 81 | 98 | 0·88 | 10 | 10 | 6 | 0 | Pc. *o.t.lr.* | Pc. Pk. *o.* | *b.* |
| 11 | 77·3 | 79·3 | 79·3 | 78·3 | 78·5 | 76·5 | ·913 | ·936 | ·922 | ·927 | ·925 | ·884 | 91 | 79 | 76 | 87 | 83 | 90 | 0·13 | 0 | 8 | 10 | 3 | *b.* | Pc. Pk. *o.* | Ck. *c.* ☂ |
| 12 | 77·3 | 77·1 | 75·2 | 75·9 | 76·4 | 75·3 | ·913 | ·918 | ·862 | ·886 | ·895 | ·864 | 91 | 95 | 95 | 96 | 94 | 95 | 0·52 | 8 | 10 | 10 | 10 | Pk. Pc. *d. o.* | Pc. *o. r.* | Pc. *g. r.* |
| 13 | 74·2 | 78·3 | 78·3 | 75·2 | 76·5 | 73·3 | ·835 | ·944 | ·958 | ·866 | ·901 | ·814 | 95 | 91 | 96 | 97 | 95 | 98 | 0·84 | 10 | 10 | 10 | 10 | Pc. *o.* | Pc. *o.* | Pc. *o. r.* |
| 14 | 75·2 | 77·9 | 78·1 | 77·3 | 77·1 | 73·8 | ·866 | ·931 | ·929 | ·922 | ·912 | ·826 | 97 | 91 | 89 | 94 | 93 | 97 | 2·42 | 10 | 10 | 7 | 5 | P. *o. r.* | Cs. Pc. *o.* | Pk. *c.* |
| 15 | 76·3 | 77·8 | 80·3 | 79·3 | 78·4 | 75·7 | ·896 | ·915 | ·949 | ·990 | ·938 | ·884 | 95 | 87 | 74 | 96 | 88 | 98 | ... | 4 | 10 | 4 | 0 | Ck. *c.* | Pk. Pc. *c.* | *b.* |
| 16 | 76·9 | 81·1 | 81·3 | 80·3 | 79·9 | 76·2 | ·912 | ·960 | ·897 | ·985 | ·938 | ·899 | 95 | 71 | 56 | 84 | 76 | 98 | ... | 0 | 2 | 0 | 0 | *b.* ☂ | Ck. *c.* | *b.* |
| 17 | 77·3 | 76·3 | 81·5 | 79·3 | 78·6 | 72·8 | ·913 | ·842 | ·949 | ·990 | ·924 | ·793 | 91 | 78 | 73 | 96 | 85 | 95 | 0·13 | 2 | 2 | 2 | 0 | Cs. *b. r.* | Pk. Fk. *c.* | *b.* ☂ |
| 18 | 76·3 | 80·8 | 81·3 | 80·3 | 79·7 | 76·5 | ·898 | ·959 | ·929 | 1·009 | ·949 | ·902 | 95 | 74 | 62 | 91 | 80 | 95 | ... | 0 | 4 | 2 | 0 | *b.* ☂ | Ck. *c.* | *b.* |
| 19 | 78·8 | 80·8 | 82·3 | 81·8 | 80·9 | 77·7 | ·961 | ·925 | ·919 | 1·055 | ·965 | ·935 | 91 | 65 | 54 | 89 | 75 | 94 | ... | 0 | 2 | 2 | 0 | *b.* ☂ | Ck. Cs. *c.* | *b.* |
| 20 | 79·8 | 82·3 | 81·8 | 81·8 | 81·4 | 79·2 | 1·000 | ·957 | ·892 | 1·017 | ·966 | ·977 | 93 | 61 | 52 | 79 | 71 | 93 | ... | 4 | 0 | 0 | 0 | Pk. Pc. *c.* | *b.* | *b. lr.* |
| 21 | 79·3 | 82·3 | 82·3 | 80·0 | 81·0 | 78·5 | ·961 | ·998 | ·957 | ·955 | ·968 | ·946 | 87 | 70 | 61 | 79 | 74 | 89 | ... | 0 | 5 | 6 | 0 | *b. lr* | Pk. Pc. *c.* | *b. lr.* |
| 22 | 79·9 | 81·3 | 83·3 | 79·8 | 81·1 | 78·5 | 1·008 | ·990 | ·993 | ·966 | ·989 | ·959 | 96 | 76 | 61 | 83 | 79 | 94 | ... | 0 | 0 | 4 | 0 | ∞ | Pc. Cs. ∞ | *b.* |
| 23 | 79·3 | 77·9 | 81·3 | 80·1 | 79·6 | 76·7 | ·983 | ·926 | ·931 | 1·014 | ·963 | ·898 | 93 | 90 | 62 | 96 | 85 | 92 | 0·16 | 0 | 8 | 1 | 0 | *b.* | Pc. Pk. *c. t.* | *b.* |
| 24 | 77·3 | 79·3 | 82·1 | 80·8 | 79·9 | 76·2 | ·932 | ·856 | ·919 | ·989 | ·924 | ·902 | 98 | 61 | 56 | 81 | 74 | 99 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 25 | 78·8 | 80·3 | 81·3 | 78·1 | 79·6 | 77·7 | ·954 | ·942 | ·908 | ·915 | ·930 | ·969 | 89 | 72 | 58 | 85 | 76 | 95 | 0·12 | 0 | 3 | 8 | 0 | *b.* | Cs. Pc. ∞ | *b.* |
| 26 | 78·3 | 81·8 | 80·5 | 79·3 | 79·9 | 76·7 | ·934 | ·953 | ·822 | ·936 | ·911 | ·890 | 89 | 64 | 48 | 79 | 70 | 91 | ... | 0 | 0 | 3 | 3 | *b.* | Pk. Pc. *c.* | Cs. *c.* |
| 27 | 78·3 | 79·1 | 79·9 | 76·3 | 78·4 | 74·8 | ·944 | ·886 | ·820 | ·812 | ·866 | ·802 | 91 | 69 | 50 | 71 | 70 | 80 | ... | 5 | 3 | 2 | 4 | Pk. ∞ | Pc. Cs. ∞ | Cs. ∞ |
| 28 | 74·6 | 78·5 | 81·3 | 79·3 | 78·4 | 70·8 | ·828 | ·899 | ·968 | ·949 | ·911 | ·741 | 91 | 76 | 71 | 83 | 80 | 95 | 0·81 | 10 | 6 | 5 | 8 | Pc. *u.t.lr.* | Pc. Cs. *c.* | Pc. Cs. *c.* |
| 29 | 76·3 | 79·3 | 81·3 | 79·5 | 79·1 | 75·3 | ·894 | ·908 | ·919 | ·979 | ·925 | ·871 | 95 | 72 | 61 | 91 | 80 | 98 | ... | 0 | 2 | 0 | 0 | *b.* ☂ | Cs. *c.* | *b.* |
| 30 | 76·3 | 80·3 | 79·3 | 79·8 | 78·9 | 75·3 | ·896 | ·901 | ·800 | ·972 | ·892 | ·871 | 95 | 63 | 49 | 85 | 73 | 96 | ... | 0 | 0 | 2 | 2 | *b.* ☂ | Pk. *c.* | Cs. *c.* |
| 31 | 77·3 | 80·3 | 81·8 | 79·3 | 79·7 | 76·7 | ·912 | ·932 | ·908 | ·963 | ·929 | ·905 | 91 | 71 | 56 | 87 | 76 | 95 | ... | 4 | 8 | 4 | 0 | Pc. *c.* ∞ | Pc. Cs. ∞ | *b.* |
| Mean | 77·4 | 79·7 | 80·6 | 79·2 | 79·2 | 76·0 | ·922 | ·935 | ·923 | ·959 | ·935 | ·883 | 93 | 76 | 70 | 87 | 81 | 94 | Total 9·98 | 4·19 | 5·29 | 4·52 | 2·81 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of air. | | | | | Temperature of radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·677 | 28·586 | 79·1 | 81·1 | 82·3 | 73·5 | 8·8 | 124·9 | 42·6 | 69·4 | 4·1 | WSW | WSW | WSW | WSW | 229 |
| 2 | ·696 | ·621 | 73·2 | 78·3 | 79·3 | 72·3 | 7·0 | 101·9 | 22·6 | 70·7 | 1·6 | SW | SW | SW | SSW | 245 |
| 3 | ·707 | ·621 | 76·0 | 80·5 | 81·8 | 71·7 | 10·1 | 139·3 | 57·5 | 70·3 | 1·4 | SW | SW | SW | SSW | 310 |
| 4 | ·659 | ·548 | 81·2 | 84·6 | 86·3 | 73·2 | 13·1 | 140·4 | 54·1 | 70·4 | 2·8 | SW | WSW | WSW | W | 211 |
| 5 | ·659 | ·554 | 81·2 | 83·9 | 86·4 | 75·1 | 11·3 | 143·9 | 57·5 | 73·3 | 1·8 | SSW | W | W | W | 189 |
| 6 | ·698 | ·592 | 78·3 | 83·2 | 84·2 | 74·6 | 9·6 | 131·3 | 47·1 | 72·3 | 2·3 | S | WSW | WSW | SW | 150 |
| 7 | ·764 | ·659 | 76·7 | 79·2 | 80·9 | 74·0 | 6·9 | 111·0 | 30·1 | 72·1 | 1·9 | SSW | SW | WSW | SSW | 180 |
| 8 | ·707 | ·607 | 79·6 | 85·8 | 86·4 | 74·1 | 12·3 | 139·9 | 53·5 | 71·7 | 2·4 | SSW | SW | SW | WSW | 214 |
| 9 | ·690 | ·572 | 80·2 | 85·8 | 86·4 | 72·9 | 13·5 | 147·0 | 60·6 | 70·9 | 2·0 | W | WSW | W | SW | 258 |
| 10 | ·687 | ·589 | 76·4 | 78·2 | 80·0 | 73·2 | 6·8 | 104·9 | 24·9 | 70·8 | 2·4 | WSW | W | WSW | SSW | 256 |
| 11 | ·662 | ·579 | 77·0 | 80·7 | 82·3 | 72·2 | 10·1 | 136·0 | 53·7 | 70·6 | 1·6 | SW | WSW | SSW | SSW | 233 |
| 12 | ·696 | ·606 | 77·3 | 83·4 | 83·8 | 74·0 | 9·8 | 146·9 | 63·1 | 69·7 | 4·3 | SSW | SSW | SSE | S | 137 |
| 13 | ·687 | ·561 | 82·0 | 89·2 | 89·7 | 76·0 | 13·7 | 155·9 | 66·2 | 70·4 | 5·6 | S | NNW | WSW | NNW | 92 |
| 14 | ·654 | ·574 | 84·1 | 83·5 | 85·6 | 75·6 | 10·0 | 152·3 | 66·7 | 70·3 | 5·3 | W | NNE | WSW | NNW | 126 |
| 15 | ·672 | ·558 | 82·0 | 86·7 | 88·5 | 72·9 | 15·6 | 154·9 | 66·4 | 67·2 | 5·7 | NNW | WNW | NNW | SSW | 114 |
| 16 | ·674 | ·558 | 82·2 | 78·7 | 89·4 | 75·2 | 14·2 | 148·8 | 59·4 | 72·0 | 3·2 | NNW | WNW | N | NNW | 140 |
| 17 | ·694 | ·571 | 84·1 | 82·4 | 88·2 | 73·2 | 15·0 | 155·4 | 67·2 | 68·9 | 4·3 | ENE | N | SSE | WNW | 83 |
| 18 | ·626 | ·521 | 82·8 | 80·2 | 89·6 | 74·6 | 15·0 | 155·8 | 66·2 | 69·7 | 4·9 | NW | NW | WNW | W | 94 |
| 19 | ·589 | ·512 | 85·1 | 78·5 | 88·1 | 76·1 | 12·0 | 154·6 | 66·5 | 71·2 | 4·9 | NW | NW | WNW | SW | 165 |
| 20 | ·615 | ·536 | 75·7 | 77·6 | 78·2 | 75·4 | 2·8 | 97·9 | 19·7 | 72·7 | 2·7 | WNW | SW | WSW | W | 240 |
| 21 | ·630 | ·550 | 78·8 | 77·5 | 79·7 | 73·9 | 5·8 | 109·8 | 30·1 | 72·7 | 1·2 | W | W | WSW | WSW | 190 |
| 22 | ·668 | ·580 | 75·6 | 77·3 | 78·7 | 73·1 | 5·6 | 110·1 | 31·4 | 71·8 | 1·3 | W | WSW | WSW | SW | 196 |
| 23 | ·646 | ·581 | 73·2 | 75·5 | 76·0 | 71·8 | 4·2 | 91·1 | 15·1 | 70·3 | 1·5 | WSW | SW | SW | SW | 318 |
| 24 | ·681 | ·605 | 76·4 | 79·1 | 82·2 | 71·3 | 10·9 | 145·3 | 63·1 | 67·6 | 3·7 | SSW | SW | WSW | SW | 415 |
| 25 | ·740 | ·646 | 81·1 | 85·1 | 86·2 | 72·2 | 14·0 | 150·4 | 64·2 | 70·5 | 1·7 | SSW | WSW | SW | SSW | 307 |
| 26 | ·743 | ·628 | 81·1 | 84·1 | 86·4 | 71·1 | 15·3 | 149·3 | 62·9 | 65·1 | 6·0 | SSW | WSW | SW | W | 191 |
| 27 | ·691 | ·567 | 81·7 | 85·2 | 88·0 | 75·1 | 12·9 | 152·9 | 64·9 | 71·2 | 3·9 | W | W | WSW | WSW | 172 |
| 28 | ·658 | ·554 | 79·0 | 81·1 | 84·8 | 74·3 | 10·5 | 145·5 | 60·7 | 71·8 | 2·5 | WSW | WSW | WSW | W | 189 |
| 29 | ·687 | ·559 | 80·7 | 86·1 | 88·2 | 73·1 | 15·1 | 156·3 | 68·1 | 69·7 | 3·4 | W | W | WSW | W | 136 |
| 30 | ·693 | ·577 | 80·2 | 85·6 | 86·8 | 74·5 | 12·3 | 150·6 | 63·8 | 70·1 | 4·4 | WNW | NNW | NW | WSW | 106 |
| 31 | ·719 | ·589 | 79·7 | 85·6 | 86·7 | 73·4 | 13·3 | 150·8 | 64·1 | 71·7 | 1·7 | SSW | S | NW | ESE | 129 |
| Mean . | 28·679 | 28·579 | 79·4 | 82·1 | 84·6 | 73·7 | 10·9 | 137·3 | 52·7 | 70·6 | 3·1 | ... | ... | ... | ... | 194·0 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | After 4 P.M. | 10 A.M. to 4 P.M. |
| 1 | 74·1 | 74·2 | 70·2 | ·778 | ·760 | ·694 | 78 | 71 | 85 | ... | 10 | 10 | P. Pk. *o.* | P. Pk. *o.* | P. Pk. *o.* |
| 2 | 72·9 | 74·9 | 70·7 | ·810 | ·825 | ·729 | 99 | 85 | 93 | 1·16 | 10 | 10 | P. *o. r.* | P. *o.d.* | P. *o.* |
| 3 | 73·6 | 75·9 | 70·3 | ·796 | ·842 | ·729 | 89 | 81 | 93 | 0·74 | 10 | 10 | P. Pk. *o.* | Pc.K.Pk. *c.* | Pc. Pk. *c.* |
| 4 | 75·8 | 77·4 | 71·6 | ·830 | ·853 | ·754 | 77 | 71 | 93 | ... | 9 | 9 | Pc. Pk. *c.* | K. Pk. *c.* | Pc. Pk. *c.* |
| 5 | 74·9 | 76·9 | 72·7 | ·791 | ·841 | ·769 | 74 | 72 | 88 | ... | 10 | 9 | Pc.K.Pk. *o.* | Pc. Pk. *c.* | Pc. K. *c.* |
| 6 | 75·4 | 75·7 | 72·2 | ·846 | ·790 | ·755 | 87 | 70 | 88 | 0·04 | 10 | 10 | P. Pk. *o.* | P. Pk. *o.* | P. *o.d.* |
| 7 | 74·9 | 76·0 | 72·5 | ·847 | ·858 | ·780 | 92 | 86 | 93 | 1·20 | 10 | 10 | P. *o.d.* | P. *o.d.* | P. *o.d.* |
| 8 | 74·9 | 77·0 | 72·7 | ·810 | ·819 | ·781 | 80 | 66 | 93 | 0.25 | 10 | 10 | P. *o.* | C.Pc.Pk. *o.* | P. *o.* |
| 9 | 75·4 | 76·9 | 71·5 | ·824 | ·816 | ·754 | 80 | 65 | 93 | 0·17 | 9 | 9 | Pc. Pk. *c.* | Pc.K.Pk. *c.* | Pc. Pk. *c.* |
| 10 | 73·9 | 74·5 | 70·9 | ·810 | ·808 | ·732 | 89 | 84 | 89 | 0·08 | 10 | 10 | P. Pk. *o.* | P. Pk. o. | P. *o.r.* |
| 11 | 74·3 | 75·9 | 70·8 | ·821 | ·839 | ·741 | 88 | 80 | 93 | 1·12 | 10 | 9 | P. Pk. *o.* | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 12 | 75·5 | 76·9 | 71·8 | ·862 | ·847 | ·753 | 92 | 74 | 89 | ... | 10 | 8 | Pc. Pk. *o.d.* | K. Pk. *c.* | K. Pk. *c.* |
| 13 | 76·4 | 79·9 | 73·7 | ·845 | ·908 | ·799 | 77 | 65 | 90 | 0·18 | 6 | 6 | Pc. K. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 14 | 78·7 | 79·6 | 73·7 | ·914 | ·958 | ·809 | 78 | 83 | 91 | ... | 9 | 7 | Pc.K.Pk. *c.* | Pc. Pk. *c.* | Pc. *c.* |
| 15 | 77·1 | 77·9 | 71·5 | ·866 | ·850 | ·754 | 79 | 67 | 93 | ... | 9 | 9 | Pc.K.Pk. *c.* | C.K.Pk. *c.* | C.K.Pk. *c.* |
| 16 | 77·5 | 75·9 | 73·1 | ·885 | ·864 | ·788 | 80 | 88 | 91 | 0·12 | 9 | 10 | C.Pc.Pk. *c.* | Pc. Pk. *o.t.d.* ≤ | Pc. Pk. *o.t.d* ≤ |
| 17 | 78·9 | 77·9 | 72·2 | ·926 | ·904 | ·774 | 79 | 81 | 95 | 0·50 | 9 | 9 | Pc.K.Fk. *c.* | Pc.K.Pk. *c.* | C.Pc.Pk. *c.* |
| 18 | 78·1 | 76·7 | 73·2 | ·900 | ·870 | ·800 | 80 | 85 | 93 | ... | 8 | 9 | Pc.K.Pk. *c.* | C.Pc.Pk. *c.* | C.Pc.Pk.*c.* |
| 19 | 78·7 | 75·7 | 74·6 | ·901 | ·850 | ·837 | 74 | 88 | 93 | 0·56 | 6 | 10 | C. K. *c.* | Pc. Pk. *o.t.d.* | Pc.Pk. *o.t.* |
| 20 | 75·4 | 75·7 | 73·9 | ·881 | ·866 | ·822 | 99 | 91 | 93 | 1·64 | 10 | 10 | P. *o.r.* | P. *o.t.* | P. *o.* |
| 21 | 75·7 | 74·9 | 71·9 | ·847 | ·838 | ·761 | 87 | 89 | 90 | 0·20 | 10 | 10 | P. *o.* | P. Pk. *o.d.* | P. *o.d.* |
| 22 | 74·5 | 74·9 | 71·7 | ·842 | ·838 | ·754 | 95 | 89 | 93 | 0·65 | 10 | 10 | P. *o.* | P. *o.d.* | P. *o.d.* |
| 23 | 71·8 | 73·9 | 70·6 | ·767 | ·822 | ·732 | 93 | 93 | 94 | 1·55 | 10 | 10 | P. *o.r.* | P. *o.* | P. *o.* |
| 24 | 74·1 | 74·6 | 69·8 | ·813 | ·799 | ·716 | 90 | 81 | 93 | 0·47 | 10 | 9 | P. Pk. *o.* | Pc.K.Pk. *c.* | Pc.K.Pk.*c.* |
| 25 | 75·6 | 76·7 | 70·5 | ·815 | ·814 | ·725 | 77 | 67 | 91 | ... | 7 | 4 | K. Fk. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 26 | 74·9 | 75·9 | 68·9 | ·791 | ·795 | ·682 | 74 | 68 | 89 | ... | 4 | 9 | K. Fk. *c.* | Pc.K.Pk *c.* | Pc.K.Pk. *c.* |
| 27 | 75·7 | 75·9 | 72·7 | ·809 | ·782 | ·775 | 75 | 64 | 88 | ... | 9 | 10 | Pc. K. *c.* | Pc. K. *o.* | Pc. K. o. |
| 28 | 75·9 | 75·9 | 72·4 | ·861 | ·833 | ·774 | 87 | 78 | 91 | 0·15 | 10 | 10 | P. *o.* | Pc. *o.* | P. Pc. *o d.* |
| 29 | 75·8 | 77·5 | 71·6 | ·836 | ·837 | ·754 | 79 | 67 | 93 | 0·14 | 9 | 9 | Pc.K.Pk. *c.* | Pc.K.Fk. *c.* | C.Pc.K. *c.* |
| 30 | 76·3 | 78·0 | 72·7 | ·864 | ·866 | ·778 | 83 | 71 | 92 | 0·90 | 9 | 9 | Pc. K. *c.* | Pc.Pk. *c.t* | P. *o.t.r.* |
| 31 | 76·8 | 79·2 | 71·7 | ·891 | ·917 | ·751 | 87 | 74 | 92 | 0·80 | 9 | 9 | K. Pk. *c.d.* | C. Pc. K. Pk. *c.t.d* | Pc.Pk. *c.t.d* |
| Mean | 75·6 | 76·4 | 71·9 | ·841 | ·842 | ·760 | 84 | 77 | 92 | Total 12·62 | 9·06 | 9·13 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Max. | Min. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·747 | 29·787 | 29·726 | 29·787 | 29·758 | 78·7 | 82·1 | 81·4 | 79·9 | 80·9 | 84·1 | 77·8 | 6·3 | 0·5 | 137·1 | 53·0 | 74·1 | 3·7 | WSW | WSW | WSW | WSW | 48·8 |
| 2 | ·726 | ·777 | ·724 | ·793 | ·750 | 78·3 | 77·5 | 78·7 | 79·4 | 78·5 | 81·8 | 75·0 | 6·8 | 0 | 127·2 | 45·4 | 72·9 | 2·1 | WSW | W | WSW | W | 52·8 |
| 3 | ·748 | ·792 | ·718 | ·761 | ·753 | 77·5 | 79·3 | 77·4 | 79·4 | 78·0 | 81·4 | 76·0 | 5·4 | 0·3 | 130·0 | 48·6 | 74·0 | 2·0 | WSW | WSW | WSW | WSW | 50·9 |
| 4 | ·717 | ·747 | ·674 | ·738 | ·714 | 78·7 | 82·2 | 82·5 | 79·6 | 81·3 | 84·5 | 75·1 | 9·4 | 7·4 | 142·1 | 57·6 | 73·7 | 1·4 | WSW | WSW | W | W | 50·7 |
| 5 | ·689 | ·733 | ·670 | ·735 | ·703 | 78 5 | 78·6 | 82·3 | 79·6 | 80·1 | 83·3 | 76·0 | 7·3 | 2·9 | 136·0 | 52·7 | 74·2 | 1·8 | WSW | W | W | WSW | 38 o |
| 6 | ·707 | ·764 | ·703 | ·786 | ·736 | 78·7 | 82·5 | 83·2 | 79·7 | 81·7 | 84·6 | 76·2 | 8·4 | 7·9 | 140·9 | 56·3 | 74·4 | 1·8 | W | WSW | WSW | WSW | 31·8 |
| 7 | ·766 | ·824 | ·759 | ·821 | ·791 | 78·5 | 82·5 | 81·6 | 79·4 | 81·1 | 85·4 | 76·8 | 8·6 | 5·4 | 144·0 | 58·6 | 74·7 | 2·1 | WSW | WSW | WSW | WSW | 25·5 |
| 8 | ·757 | ·816 | ·728 | ·783 | ·770 | 79·2 | 82·4 | 81·4 | 79·5 | 81·1 | 84·7 | 76·4 | 8·3 | 2·8 | 146·1 | 61·4 | 74·1 | 2·3 | W | WSW | WSW | WSW | 46·8 |
| 9 | ·739 | ·782 | ·714 | ·768 | ·748 | 78·8 | 82·2 | 82·5 | 80·1 | 81·3 | 84·6 | 77·2 | 7·4 | 6·2 | 140·0 | 55·4 | 74·6 | 2·6 | WSW | WSW | WSW | SW | 44·1 |
| 10 | ·732 | ·763 | ·698 | ·740 | ·729 | 75·6 | 78·9 | 76·4 | 76·6 | 77·4 | 80·8 | 75·0 | 5·8 | 0·1 | 118·0 | 37·2 | 72·9 | 2·1 | W | SW | WSW | WSW | 44 6 |
| 11 | ·702 | ·731 | ·655 | ·698 | ·693 | 74·5 | 77·2 | 76·7 | 75·4 | 76·1 | 77·4 | 73·8 | 3·6 | ? | 106·0 | 28·6 | 71·9 | 1·9 | WNW | WSW | W | W | 40·9 |
| 12 | ·675 | ·735 | ·663 | ·748 | ·699 | 75·7 | 76·7 | 80·6 | 78·2 | 77·9 | 80·7 | 74·0 | 6·7 | 1·9 | 135·6 | 54·9 | 71·7 | 2·3 | NW | NNE | S | WSW | 22·3 |
| 13 | ·722 | ·760 | ·668 | ·736 | ·716 | 76·1 | 80·0 | 82·5 | 79·4 | 80·1 | 83·8 | 75·1 | 8 7 | 4·2 | 141·9 | 58·1 | 73·1 | 2·0 | W | WNW | WSW | W | 23 8 |
| 14 | ·694 | ·737 | ·664 | ·743 | ·705 | 77·9 | 78·5 | 81·5 | 79 3 | 79·9 | 82·9 | 77·0 | 5·9 | 0·1 | 137·6 | 54·7 | 73·8 | 3·2 | W | WSW | WNW | WNW | 30·2 |
| 15 | ·700 | ·747 | ·671 | ·758 | ·717 | 78·4 | 80·3 | 82·1 | 79·5 | 80·6 | 84·1 | 77·3 | 6·8 | 2·3 | 139·9 | 55·8 | 73·0 | 4·3 | WNW | WNW | WNW | WNW | 24·5 |
| 16 | ·718 | ·757 | ·671 | ·743 | ·717 | 78·4 | 81·3 | 78·0 | 78·4 | 79·7 | 83·5 | 75·6 | 7·9 | 0·7 | 144·9 | 61·4 | 72·6 | 3·0 | W | WNW | W | WNW | 23·3 |
| 17 | ·734 | ·784 | ·676 | ·747 | ·728 | 75·6 | 77·4 | 80·3 | 79·1 | 78·5 | 80·9 | 74·9 | 6·0 | 0 | 122·0 | 41·1 | 73·1 | 1·8 | W | SSW | WNW | WNW | 23·0 |
| 18 | ·676 | ·723 | ·625 | ·695 | ·675 | 78 6 | 81·8 | 79·3 | 78·0 | 79·6 | 84·1 | 75·6 | 8·5 | 1·7 | 146·1 | 62·0 | 74·3 | 1·3 | WNW | W | WNW | SW | 26·5 |
| 19 | ·644 | ·702 | ·637 | ·718 | ·672 | 78·3 | 82 o | 83 2 | 79·0 | 81·0 | 84·9 | 76·4 | 8·5 | 7·3 | 142·9 | 58·0 | 72·9 | 3·5 | W | W | W | W | 23·1 |
| 20 | ·680 | ·744 | ·669 | ·725 | ·702 | 78·4 | 80·7 | 81·5 | 79·4 | 80·7 | 85·0 | 77·2 | 7·8 | 3·4 | 145·8 | 60·8 | 74·2 | 3·0 | WSW | W | WSW | W | 33·7 |
| 21 | ·701 | ·750 | ·663 | ·728 | ·705 | 77·7 | 81·7 | 80·8 | 79·1 | 80·3 | 84·9 | 75·7 | 9·2 | 3·2 | 136·0 | 51·1 | 73·7 | 2·0 | WSW | W | WSW | WSW | 35·9 |
| 22 | ·710 | ·763 | ·693 | ·759 | ·727 | 75·5 | 79·3 | 81·4 | 79·3 | 79·8 | 84·3 | 75·0 | 9·3 | 4·1 | 144·8 | 60·5 | 74·0 | 1·0 | WSW | W | W | WSW | 45·0 |
| 23 | ·726 | ·783 | ·723 | ·781 | ·749 | 78·3 | 81·4 | 81·4 | 79·4 | 80·2 | 83·5 | 76·9 | 6·6 | 2·6 | 143·6 | 60·1 | 74·4 | 2·5 | WSW | SW | WSW | W | 37·0 |
| 24 | ·757 | ·810 | ·740 | ·800 | ·774 | 77·7 | 80·7 | 77·5 | 77·8 | 79·0 | 82·1 | 75·4 | 6·7 | 0 | 119·4 | 37·3 | 74·9 | 0·5 | W | WSW | WNW | WSW | 35·6 |
| 25 | ·781 | ·831 | ·758 | ·807 | ·791 | 78·2 | 82·1 | 81·9 | 79·2 | 81·0 | 84·5 | 75·0 | 9·5 | 6·4 | 144·6 | 60·1 | 72·2 | 2·8 | WSW | WSW | WSW | WSW | 39·0 |
| 26 | ·774 | ·815 | ·736 | ·779 | ·771 | 78·2 | 82·2 | 80·2 | 77·3 | 79·9 | 84·3 | 76·9 | 7·4 | 4 6 | 144·9 | 60·6 | 73·0 | 3·9 | WSW | WSW | WSW | WNW | 37·0 |
| 27 | ·733 | ·776 | ·694 | ·753 | ·735 | 78·0 | 81·0 | 81·3 | 77·4 | 79·2 | 83·1 | 75·0 | 8·1 | 2·3 | 143·8 | 60·7 | 73·7 | 1·3 | W | W | WNW | WNW | 25·3 |
| 28 | ·710 | ·741 | ·671 | ·739 | ·710 | 76·6 | 80·3 | 81·6 | 79·5 | 80·1 | 83·4 | 75·8 | 7·6 | 2·5 | 149·1 | 65·7 | 74·2 | 1·6 | WNW | W | W | WNW | 37·3 |
| 29 | ·723 | ·772 | ·682 | ·751 | ·726 | 74·9 | 75·7 | 77·3 | 77·1 | 76·6 | 79·7 | 74·1 | 5·6 | 0 | 123·9 | 44·2 | 72·7 | 1·4 | NNW | SE | N | WSW | 26 8 |
| 30 | ·716 | ·761 | ·673 | ·756 | ·718 | 75·5 | 78·3 | 81·0 | 77·6 | 78·8 | 82·5 | 74·8 | 7·7 | 2·1 | 140·3 | 57·8 | 74·0 | 0·8 | ESE | WSW | WNW | NW | 19·3 |
| 31 | ·736 | ·782 | ·696 | ·779 | ·743 | 73·8 | 76·5 | 77·8 | 76·7 | 76 3 | 79·9 | 73·5 | 6·4 | 0 | 122·0 | 42·1 | 72·0 | 1·5 | NW | W | WNW | WSW | 21·4 |
| Mean | 29·721 | 29·767 | 29·692 | 29·757 | 29·730 | 77·4 | 80·1 | 80·5 | 78·7 | 79·6 | 83·1 | 75·7 | 7·4 | 82·9 | 136·7 | 53·6 | 73·5 | 2·2 | ... | ... | ... | ... | 343·5 |

*N. B.*— +·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 74·6 | 77·3 | 76·6 | 76·1 | 76·6 | 73·8 | ·795 | ·873 | ·852 | ·852 | ·843 | ·781 | 82 | 80 | 80 | 84 | 81 | 82 | 0·01 | 5 | 6 | 10 | 10 | Pk.K.Ck.C. *r.* | Pk. K. Ck.*o.* | K.Ck C. *o.* |
| 2 | 75·8 | 75·6 | 75·6 | 75·9 | 75·6 | 72·5 | ·859 | ·891 | ·845 | ·849 | ·861 | ·766 | 89 | 91 | 87 | 85 | 88 | 88 | 0·92 | 10 | 10 | 10 | 10 | Pk. K. *o. r.* | Pk. K. o. *r.* | Pk.K. Ck. *o.r.* |
| 3 | 74·5 | 76·3 | 75·9 | 76·5 | 75·6 | 72·8 | ·815 | ·867 | ·876 | ·874 | ·858 | ·764 | 86 | 87 | 93 | 87 | 88 | 85 | 1·07 | 10 | 10 | 10 | 10 | Pk. K. *o. r.* | Pk. K. *o. r.* | K. *o. r.* |
| 4 | 75·6 | 78·5 | 77·5 | 76·1 | 77·2 | 73·0 | ·845 | ·926 | ·878 | ·855 | ·876 | ·785 | 87 | 84 | 79 | 85 | 84 | 90 | 0·04 | 10 | 3 | 4 | 10 | Pk.K.Ck. o. | K. Ck. | Pk.K.Ck.C. *o.* |
| 5 | 75·5 | 75·5 | 77·4 | 76·4 | 76·5 | 73·6 | ·843 | ·842 | ·875 | ·867 | ·856 | ·797 | 87 | 87 | 79 | 86 | 85 | 88 | 0·22 | 10 | 10 | 3 | 10 | Pk. K. o. *r.* | Pk.K.Ck. C. *o. r.* | Pk.K.Ck.C *o.* |
| 6 | 75·8 | 77·8 | 77·6 | 76·2 | 77·2 | 73·8 | ·853 | ·890 | ·873 | ·858 | ·869 | ·802 | 87 | 80 | 77 | 85 | 82 | 88 | 0·02 | 10 | 4 | 6 | 8 | Pk.K.Ck. *o.r.* | K. Ck. | K. Ck. C. |
| 7 | 75·5 | 77·6 | 77·2 | 75·6 | 76·7 | 74·5 | ·843 | ·882 | ·875 | ·836 | ·859 | ·825 | 87 | 79 | 81 | 84 | 83 | 90 | 0·22 | 9 | 7 | 9 | 6 | Pk.K.Ck.C.*r.* | K. Ck. C. o. | K. Ck. *r.* |
| 8 | 75·6 | 77·3 | 77·0 | 75·6 | 76·6 | 73·9 | ·839 | ·870 | ·869 | ·834 | ·853 | ·804 | 85 | 79 | 81 | 82 | 82 | 88 | 0·36 | 10 | 7 | 9 | 6 | Pk.K.Ck.C. *o. r.* | Pk.K.Ck.C.*r.* | Pk. K. *r.* |
| 9 | 75·4 | 76·5 | 76·5 | 75·7 | 76·3 | 74·9 | ·835 | ·837 | ·833 | ·830 | ·834 | ·837 | 84 | 76 | 75 | 80 | 79 | 90 | 0·02 | 10 | 6 | 10 | 10 | Pk.K.Ck. *o.r.* | Pk.K.Ck.C.*o.* | K. Ck. *o.* |
| 10 | 74·5 | 76·4 | 74·3 | 74·5 | 75·2 | 73·4 | ·841 | ·877 | ·821 | ·827 | ·841 | ·803 | 95 | 89 | 91 | 91 | 91 | 92 | 2·30 | 10 | 9 | 10 | 10 | Pk. *o. r.* | Pk.K.Ck. *o. r. g.* | Pk. K. *o. r.* |
| 11 | 72·6 | 75·2 | 74·0 | 74·3 | 74·1 | 72·0 | ·776 | ·849 | ·804 | ·835 | ·826 | ·763 | 90 | 91 | 87 | 95 | 91 | 92 | 1·90 | 10 | 10 | 10 | 10 | Pk. K. *o. r.* | Pk. K. *o. r.* | Pk. K. *o. r.* |
| 12 | 74·9 | 75·5 | 77·8 | 75·5 | 76·0 | 72·9 | ·856 | ·861 | ·917 | ·847 | ·870 | ·796 | 97 | 94 | 88 | 88 | 92 | 94 | 2·04 | 10 | 10 | 6 | 4 | Pk. *o. r.* | Pk.K.Ck. C. *o r.* | K.Ck. C.*r.* |
| 13 | 74·8 | 77·5 | 78·0 | 76·2 | 77·2 | 74·0 | ·846 | ·911 | ·899 | ·861 | ·800 | ·827 | 94 | 89 | 81 | 86 | 87 | 95 | 0·68 | 10 | 10 | 5 | 2 | Pk. *o. r.* | Pk.K.Ck.*o.r.* | K. Ck. *r.* |
| 14 | 74·5 | 75·7 | 76·7 | 75·5 | 75·9 | 74·2 | ·809 | ·852 | ·855 | ·834 | ·837 | ·809 | 84 | 88 | 80 | 84 | 84 | 87 | ... | 10 | 10 | 10 | 2 | Pk.K.Ck.C. *o.* | Pk. K. *o.* | K. |
| 15 | 75·3 | 77·0 | 76·7 | 75·2 | 76·3 | 73·8 | ·836 | ·885 | ·847 | ·818 | ·847 | ·788 | 86 | 86 | 77 | 81 | 83 | 84 | 0·09 | 10 | 10 | 10 | 10 | K. Ck. *o. r.* | Pk.K.Ck C.*o.* | K. C. *o.* |
| 16 | 75·5 | 77·3 | 75·2 | 75·5 | 76·1 | 73·7 | ·844 | ·884 | ·837 | ·844 | ·852 | ·806 | 87 | 83 | 88 | 87 | 86 | 91 | 0·17 | 10 | 10 | 10 | 5 | Pk. K. *o. r.* | Pk.K.Ck.C. *o. r.* | Pk. K. *r.* |
| 17 | 74·5 | 75·4 | 76·1 | 75·5 | 75·7 | 72·8 | ·839 | ·854 | ·845 | ·836 | ·843 | ·779 | 94 | 91 | 81 | 85 | 87 | 90 | 0·63 | 10 | 10 | 10 | 10 | Pk. K. *o. r.* | Pk.K. *o. r.* | Pk. K. *o.* |
| 18 | 75·5 | 76·9 | 75·5 | 75·5 | 75·8 | 74·3 | ·842 | ·860 | ·833 | ·850 | ·847 | ·833 | 87 | 79 | 84 | 89 | 85 | 94 | 0·04 | 10 | 8 | 10 | 8 | K. Ck. *o.* | Pk.K.Ck.C.*o.* | Pk. K. *r.* |
| 19 | 75·7 | 77·3 | 76·5 | 75·0 | 76·4 | 74·4 | ·852 | ·874 | ·822 | ·816 | ·841 | ·825 | 89 | 80 | 72 | 82 | 81 | 91 | 0·04 | 9 | 3 | 6 | 3 | Pk. K.Ck.*r.* | Pk.K.Ck.C.*o.* | K. C. |
| 20 | 75·4 | 76·3 | 76·6 | 75·1 | 76·3 | 74·9 | ·840 | ·848 | ·850 | ·816 | ·838 | ·837 | 86 | 80 | 79 | 81 | 81 | 90 | 0·06 | 10 | 10 | 10 | 9 | Pk.K.Ck.*o.r.* | Pk.K.Ck.C. *o. r.* | Pk. K. C. |
| 21 | 75·3 | 76·6 | 75·8 | 76·3 | 76·4 | 73·5 | ·845 | ·849 | ·825 | ·870 | ·847 | ·798 | 89 | 79 | 78 | 88 | 84 | 90 | 0·28 | 10 | 10 | 10 | 6 | Pk. K. *o. r.* | Pk.K.Ck.C. *o. r.* | K. *r.* |
| 22 | 73·6 | 76·5 | 76·5 | 75·4 | 75·9 | 72·8 | ·803 | ·877 | ·847 | ·838 | ·842 | ·777 | 91 | 88 | 79 | 82 | 85 | 89 | 0·57 | 10 | 10 | 8 | 10 | Pk.K Ck.*o.r.* | Pk. K. Ck. *o. r.* | Pk.K. *o. r.* |
| 23 | 75·4 | 78·1 | 77·3 | 75·1 | 76·7 | 74·4 | ·841 | ·920 | ·883 | ·816 | ·865 | ·818 | 86 | 86 | 83 | 81 | 84 | 88 | 0·24 | 10 | 10 | 10 | 10 | Pk. K. Ck. C. *o. r.* | Pk K.Ck.C. *o. r.* | Pk.K. *o r.* |
| 24 | 74·8 | 77·2 | 74·2 | 75·5 | 75·8 | 73·8 | ·852 | ·888 | ·803 | ·844 | ·846 | ·814 | 86 | 85 | 85 | 90 | 86 | 93 | 1·11 | 10 | 10 | 10 | 5 | Pk.K Ck.C *o. r.* | Pk.K.Ck. *o.r.* | Pk. K. *r.* |
| 25 | 74·5 | 77·3 | 77·5 | 75·3 | 76·4 | 73·3 | ·805 | ·873 | ·885 | ·825 | ·847 | ·798 | 83 | 80 | 81 | 82 | 82 | 92 | ... | 3 | 6 | 8 | 9 | K. Ck. C. | Pk.K. Ck.C. | K. Ck. |
| 26 | 74·5 | 76·8 | 76·3 | 74·7 | 75·8 | 73·4 | ·805 | ·850 | ·855 | ·826 | ·834 | ·777 | 83 | 77 | 82 | 89 | 83 | 84 | 0·14 | 2 | 2 | 10 | 10 | Pk.K. Ck.C. *r.* | Pk. K Ck.*o* | Pk.K. *o.r.* |
| 27 | 74·7 | 77·4 | 76·0 | 75·2 | 75·8 | 72·9 | ·816 | ·893 | ·828 | ·846 | ·846 | ·783 | 85 | 85 | 77 | 90 | 84 | 90 | 0·39 | 7 | 10 | 9 | 10 | Pk.K.Ck. *r.* | Pk.K.Ck.*o.r.* | Pk.K. *o r.* |
| 28 | 73·5 | 76·7 | 76·0 | 74·1 | 75·5 | 73·2 | ·786 | ·872 | ·824 | ·771 | ·813 | ·784 | 86 | 85 | 77 | 76 | 81 | 88 | 0·35 | 10 | 7 | 9 | 10 | Pk. K. *o r.* | Pk.K. Ck. C | Pk. K. *o.* |
| 29 | 73·5 | 74·5 | 74·5 | 74·2 | 74·5 | 72·7 | ·808 | ·840 | ·817 | ·807 | ·818 | ·785 | 93 | 94 | 88 | 86 | 90 | 93 | 1·44 | 10 | 10 | 10 | 10 | Pk. *o. r.* | Pk K.Ck.*o.r.* | Pk.K. *o.r.* |
| 30 | 74·2 | 75·7 | 76·4 | 76·2 | 76·0 | 72·5 | ·830 | ·855 | ·849 | ·886 | ·855 | ·769 | 94 | 88 | 80 | 93 | 89 | 89 | 0·48 | 10 | 10 | 8 | 10 | Pk.K.Ck.*o. r.* | Pk.K.Ck. C. *o.* | Pk K. *o.r.* |
| 31 | 72·4 | 75·2 | 75·7 | 74·7 | 74·6 | 72·2 | ·777 | ·859 | ·862 | ·834 | ·834 | ·775 | 93 | 94 | 91 | 91 | 93 | 94 | 1·76 | 10 | 10 | 10 | 8 | Pk. *o. r.* | Pk. K. o. *r.* | K. Ck. *r.* |
| Mean | 74·8 | 76·6 | 76·3 | 75·4 | 76·0 | 73·5 | ·828 | ·871 | ·851 | ·839 | ·847 | ·797 | 88 | 85 | 82 | 86 | 85 | 90 | Total 17·59 | 9·19 | 8·32 | 8·71 | 7·77 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·805 | 29·687 | 29·810 | 29·763 | 91·9 | 88·0 | 82·0 | 85·2 | 95·1 | 79·8 | 15·3 | 147·3 | 52·2 | 77·9 | 1·9 | WSW | SE by E | 96 | 101 | 197 |
| 2 | ·845 | ·717 | ·830 | ·793 | 90·4 | 87·9 | 81·8 | 84·7 | 95·7 | 79·6 | 16·1 | 145·7 | 50·0 | 78·5 | 1·1 | SW | SE | 67 | 86 | 153 |
| 3 | ·858 | ·719 | ·793 | ·786 | 89·5 | 86·8 | 82·0 | 83·6 | 95·3 | 77·0 | 18·3 | 150·3 | 55·0 | 74·7 | 2·3 | SWbyW | SE by E | 87 | 101 | 188 |
| 4 | ·799 | ·689 | ·773 | ·751 | 88·6 | 89·7 | 83·8 | 85·3 | 97·6 | 79·9 | 17·7 | 151·1 | 53·5 | 74·0 | 5·9 | SWbyW | SSE | 95 | 115 | 210 |
| 5 | ·784 | ·685 | ·813 | ·758 | 86·4 | 84·9 | 81·0 | 83·0 | 93·2 | 80·0 | 13·2 | 150·1 | 56·9 | 79·4 | 0·6 | SWbyW | E by S | 80 | 79 | 159 |
| 6 | ·825 | ·739 | ·850 | ·802 | 85·6 | 75·4 | 79·2 | 78·9 | 91·9 | 76·2 | 15·7 | 152·1 | 60·2 | 74·5 | 1·7 | S | SE by S | 70 | 65 | 135 |
| 7 | ·857 | ·746 | ·853 | ·815 | 86·0 | 85·2 | 78·3 | 81·8 | 91·0 | 78·0 | 13·0 | 141·1 | 50·1 | 75·7 | 2·3 | SSW | SSW | 65 | 82 | 147 |
| 8 | ·859 | ·739 | ·829 | ·805 | 84·7 | 84·8 | 82·0 | 81·7 | 90·3 | 75·5 | 14·8 | 123·1 | 32·8 | 73·7 | 1·8 | SW | S by W | 48 | 70 | 118 |
| 9 | ·844 | ·744 | ·850 | ·810 | 82·8 | 84·4 | 79·8 | 80·1 | 85·6 | 74·1 | 11·5 | 116·4 | 30·8 | 72·7 | 1·4 | W | WNW | 60 | 46 | 106 |
| 10 | ·847 | ·743 | ·809 | ·797 | 81·4 | 85·2 | 78·6 | 80·4 | 85·7 | 76·8 | 8·9 | 108·5 | 22·8 | 75·3 | 1·5 | SW | W by N | 54 | 21 | 75 |
| 11 | ·819 | ·704 | ·797 | ·769 | 81·8 | 84·9 | 80·0 | 80·5 | 88·7 | 75·8 | 12·9 | 144·1 | 55·4 | 73·5 | 2·3 | WNW | SE by E | 18 | 73 | 91 |
| 12 | ·799 | ·684 | ·789 | ·753 | 85·8 | 84·3 | 76·0 | 80·4 | 91·6 | 76·3 | 15·3 | 139·3 | 47·7 | 73·7 | 2·6 | SW by S | SE by S | 36 | 87 | 123 |
| 13 | ·781 | ·632 | ·747 | ·715 | 81·1 | 87·6 | 80·3 | 81·0 | 94·2 | 75·9 | 18·3 | 149·2 | 55·0 | 74·0 | 1·9 | SWbyW | S by W | 91 | 78 | 169 |
| 14 | ·726 | ·624 | ·752 | ·698 | 86·8 | 75·8 | 77·0 | 78·5 | 91·2 | 75·2 | 16·0 | 140·3 | 49·1 | 74·7 | 0·5 | W by S | WSW | 118 | 85 | 203 |
| 15 | ·744 | ·625 | ·753 | ·703 | 80·4 | 86·3 | 79·0 | 80·0 | 87·2 | 74·7 | 12·5 | 126·7 | 39·5 | 73·4 | 1·3 | W by S | WSW | 57 | 61 | 118 |
| 16 | ·737 | ·631 | ·740 | ·699 | 84·4 | 89·2 | 80·8 | 83·1 | 90·2 | 77·8 | 12·4 | 130·3 | 40·1 | 76·8 | 1·0 | WSW | NWbyW | 78 | 63 | 141 |
| 17 | ·762 | ·639 | ·716 | ·701 | 85·8 | 85·3 | 81·8 | 82·5 | 88·9 | 77·1 | 11·8 | 141·6 | 52·7 | 76·3 | 0·8 | WSW | W by S | 104 | 73 | 177 |
| 18 | ·724 | ·574 | ·748 | ·676 | 83·8 | 90·0 | 81·0 | 83·2 | 91·2 | 77·9 | 13·3 | 132·1 | 40·9 | 75·0 | 2·9 | SW | SWbyW | 69 | 89 | 158 |
| 19 | ·708 | ·612 | ·704 | ·671 | 85·4 | 88·8 | 82·0 | 83·3 | 91·3 | 76·9 | 14·4 | 134·1 | 42·8 | 75·1 | 1·8 | SW | W by S | 82 | 58 | 140 |
| 20 | ·746 | ·634 | ·749 | ·705 | 86·8 | 85·8 | 81·8 | 83·3 | 91·7 | 78·8 | 12·9 | 138·3 | 46·6 | 77·1 | 1·7 | SW | S | 78 | 78 | 156 |
| 21 | ·771 | ·642 | ·738 | ·712 | 87·6 | 86·0 | 81·4 | 83·4 | 91·3 | 78·3 | 13·0 | 134·3 | 43·0 | 77·2 | 1·1 | SW | SE by S | 65 | 69 | 134 |
| 22 | ·802 | ·690 | ·787 | ·755 | 84·1 | 91·9 | 80·8 | 83·4 | 93·2 | 76·9 | 16·3 | 143·1 | 49·9 | 76·1 | 0·8 | S by W | S by W | 67 | 56 | 123 |
| 23 | ·805 | ·656 | ·829 | ·757 | 88·1 | 85·4 | 82·4 | 83·7 | 90·9 | 78·9 | 12·0 | 143·7 | 52·8 | 77·9 | 1·0 | S | SSE | 60 | 69 | 129 |
| 24 | ·865 | ·733 | ·819 | ·800 | 79·1 | 86·0 | 81·0 | 80·0 | 90·6 | 73·9 | 16·7 | 140·1 | 49·5 | 73·7 | 0·2 | SWbyW | S by E | 51 | 62 | 113 |
| 25 | ·874 | ·740 | ·834 | ·810 | 77·5 | 85·1 | 81·8 | 80·4 | 88·0 | 77·2 | 10·8 | 139·1 | 51·1 | 77·2 | 0 | SW by S | S by E | 37 | 79 | 116 |
| 26 | ·800 | ·700 | ·793 | ·762 | 86·6 | 87·9 | 77·0 | 81·5 | 92·6 | 74·5 | 18·1 | 145·1 | 52·5 | 73·3 | 1·2 | W by S | S | 95 | 83 | 178 |
| 27 | ·781 | ·659 | ·746 | ·724 | 87·9 | 88·7 | 81·8 | 83·5 | 91·7 | 76·3 | 15·4 | 147·3 | 55·6 | 75·0 | 1·3 | WSW | S by E | 66 | 60 | 126 |
| 28 | ·763 | ·649 | ·775 | ·724 | 88·9 | 85·6 | 83·0 | 83·9 | 93·1 | 77·9 | 15·2 | 147·1 | 54·0 | 75·8 | 2·1 | SW by S | SE byS | 66 | 93 | 159 |
| 29 | ·789 | ·648 | ·783 | ·734 | 88·7 | 85·0 | 80·8 | 82·6 | 92·7 | 75·9 | 16·8 | 148·3 | 55·6 | 75·1 | 0·8 | W by S | SE | 59 | 63 | 122 |
| 30 | ·783 | ·652 | ·783 | ·734 | 86·3 | 89·3 | 81·6 | 83·3 | 91·2 | 75·9 | 15·3 | 145·1 | 53·9 | 74·9 | 1·0 | SW by S | SW by S | 66 | 61 | 127 |
| 31 | ·802 | ·679 | ·808 | ·758 | 88·9 | 84·6 | 81·8 | 83·4 | 90·9 | 78·1 | 12·8 | 148·9 | 58·0 | 74·8 | 3·3 | SW | SE by S | 58 | 90 | 148 |
| Mean | 29·797 | 29·678 | 29·787 | 29·750 | 85·6 | 86·0 | 80·7 | 82·2 | 91·4 | 77·0 | 14·4 | 140·1 | 48·7 | 75·4 | 1·6 | ... | ... | 69·1 | 74·1 | 143·2 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 80·2 | 79·8 | 78·8 | 78·8 | 76·0 | ·874 | ·904 | ·943 | ·899 | ·848 | 58 | 69 | 86 | 74 | 85 | ... | 3 | 7 | K. *b. c.* | K. *cloudy.* |
| 2 | 78·8 | 79·8 | 77·6 | 78·4 | 76·9 | ·829 | ·908 | ·891 | ·887 | ·890 | 58 | 69 | 83 | 74 | 89 | ... | 6 | 5 | C. *c.* | K. *c.* |
| 3 | 76·8 | 79·8 | 77·0 | 77·5 | 75·9 | ·751 | ·924 | ·862 | ·872 | ·882 | 55 | 72 | 79 | 75 | 95 | 0·02 | 5 | 4 | K. *c.* | K. *c.* |
| 4 | 76·6 | 80·6 | 77·9 | 77·5 | 73·9 | ·745 | ·922 | ·877 | ·840 | ·757 | 56 | 66 | 75 | 69 | 75 | ... | 8 | 6 | K. *cloudy.* | K. *c.* |
| 5 | 77·8 | 78·8 | 77·0 | 77·2 | 74·9 | ·838 | ·903 | ·875 | ·857 | ·798 | 67 | 76 | 83 | 77 | 78 | ... | 7 | 4·5 | K. *cloudy.* | K. *c.* |
| 6 | 77·3 | 74·8 | 78·4 | 76·5 | 75·6 | ·826 | ·855 | ·963 | ·881 | ·880 | 67 | 98 | 97 | 89 | 98 | 1·69 | 3 | 8 | K. *b. c.* | K. *cloudy.t.* |
| 7 | 78·0 | 79·6 | 75·8 | 77·7 | 77·1 | ·852 | ·937 | ·859 | ·895 | ·920 | 68 | 78 | 89 | 83 | 97 | ... | 5 | 4·5 | K. *c.* | K. *c. t.* |
| 8 | 77·9 | 81·1 | 79·2 | 78·2 | 73·6 | ·866 | 1·016 | ·762 | ·919 | ·804 | 73 | 85 | 88 | 85 | 92 | ... | 9 | 9 | K. *cloudy.* | K. *cloudy.* |
| 9 | 77·7 | 76·6 | 78·0 | 76·6 | 73·7 | ·855 | ·812 | ·936 | ·870 | ·827 | 77 | 69 | 92 | 85 | 99 | 1·08 | 10 | 9·5 | *o.* | K. *cloudy.t.* ≺ |
| 10 | 76·8 | 78·1 | 77·6 | 76·9 | 74·8 | ·861 | ·868 | ·935 | ·879 | ·837 | 81 | 72 | 95 | 85 | 92 | ... | 10 | 9 | *o.* | K. *cloudy.* |
| 11 | 72·0 | 77·8 | 76·8 | 75·5 | 75·0 | ·654 | ·858 | ·879 | ·817 | ·859 | 60 | 72 | 87 | 78 | 98 | ... | 10 | 6 | *o.* | K. *c.* |
| 12 | 76·3 | 78·3 | 73·3 | 75·5 | 73·5 | ·780 | ·888 | ·785 | ·910 | ·790 | 63 | 75 | 88 | 78 | 88 | 0·02 | 4 | 5 | K. *b. c.* | K. *c. t.* ≺ |
| 13 | 76·6 | 77·8 | 77·0 | 76·1 | 72·3 | ·856 | ·882 | ·885 | ·835 | ·746 | 80 | 63 | 86 | 78 | 84 | ... | 9 | 4·5 | K. *cloudy.* | K. *c.* |
| 14 | 78·3 | 75·0 | 75·2 | 75·6 | 73·9 | ·855 | ·863 | ·851 | ·847 | ·821 | 67 | 97 | 92 | 87 | 95 | 2·80 | 5 | 10 | K. *c.* | *o. t.* |
| 15 | 75·8 | 80·0 | 76·0 | 76·5 | 73·5 | ·831 | ·940 | ·858 | ·867 | ·810 | 79 | 75 | 87 | 85 | 95 | 0·58 | 10 | 9·5 | *o.* | K. *cloudy.t.* ≺ |
| 16 | 77·6 | 78·9 | 76·6 | 77·2 | 75·2 | ·857 | ·850 | ·860 | ·855 | ·841 | 73 | 63 | 83 | 75 | 89 | ... | 9 | 7 | K. *cloudy.* | K. *cloudy.t.* ≺ |
| 17 | 77·8 | 77·8 | 77·0 | 77·2 | 75·8 | ·845 | ·853 | ·864 | ·864 | ·876 | 68 | 70 | 80 | 78 | 94 | ... | 5 | 8 | K. *c.* | K. *cloudy.* |
| 18 | 75·9 | 76·8 | 79·0 | 76·9 | 75·7 | ·789 | ·744 | ·966 | ·841 | ·860 | 68 | 53 | 91 | 74 | 90 | 0·25 | 9 | 7·5 | K. *cloudy.* | K. *cloudy.* |
| 19 | 76·8 | 81·8 | 79·6 | 78·8 | 76·2 | ·806 | ·992 | ·979 | 925 | ·896 | 66 | 73 | 89 | 81 | 97 | ... | 8 | 9 | K. *cloudy.* | K. *cloudy.* |
| 20 | 76·8 | 78·8 | 79·6 | 78·1 | 76·7 | ·788 | ·892 | ·992 | ·893 | ·892 | 62 | 72 | 87 | 78 | 91 | ... | 6 | 8 | C. *c. hazy.* | K. *cloudy.t.* ≺ |
| 21 | 78·6 | 81·8 | 78·8 | 79·0 | 75·9 | ·857 | 1·032 | ·947 | ·933 | ·863 | 64 | 81 | 89 | 81 | 89 | ... | 5 | 5·5 | K. *c.* | K. *c.* |
| 22 | 78·0 | 77·9 | 78·6 | 77·2 | 73·9 | ·878 | ·768 | ·950 | ·851 | ·798 | 75 | 51 | 91 | 74 | 86 | ... | 9 | 6 | K. *cloudy.* | K. *c.* |
| 23 | 79·8 | 79·3 | 78·8 | 78·9 | 77·7 | ·906 | ·920 | ·938 | ·924 | ·935 | 68 | 76 | 85 | 80 | 94 | ... | 6 | 6·5 | K. *c.* | K. *c. t.* ≺ |
| 24 | 76·9 | 80·8 | 78·0 | 77·5 | 73·5 | ·896 | ·985 | ·920 | ·911 | 822 | 90 | 79 | 87 | 89 | 98 | 2·06 | 10 | 2 | *o. t.* | C. *b.* |
| 25 | 76·0 | 80·8 | 79·0 | 77·9 | 74·9 | ·879 | ·994 | ·955 | ·924 | ·836 | 93 | 81 | 88 | 89 | 90 | 0·15 | 10 | 6 | *o. t.* | K. *c. t.* ≺ |
| 26 | 76·4 | 78·9 | 71·9 | 74·9 | 71·7 | ·773 | ·868 | ·709 | ·778 | ·741 | 61 | 66 | 77 | 73 | 87 | ... | 6 | 5·5 | K. *c.* | K. *c. t.* ≺ |
| 27 | 80·0 | 81·2 | 79·5 | 78·3 | 71·1 | ·918 | ·975 | ·966 | ·893 | ·693 | 69 | 71 | 76 | 77 | 76 | 0·02 | 5 | 5·5 | K. *c.* | K. *c. t.* ≺ |
| 28 | 76·6 | 78·6 | 76·8 | 76·1 | 71·5 | ·751 | ·852 | ·839 | ·797 | ·687 | 55 | 72 | 75 | 68 | 73 | ... | 4 | 5·5 | K. *c.* | K. *c. t.* ≺ |
| 29 | 77·7 | 79·8 | 75·8 | 76·7 | 72·5 | ·771 | ·948 | ·825 | ·840 | ·754 | 57 | 80 | 78 | 75 | 84 | ... | 5 | 6 | K. *c.* | K. *c.* |
| 30 | 76·6 | 76·6 | 78·8 | 76·4 | 73·1 | ·786 | ·745 | ·949 | ·817 | ·779 | 62 | 54 | 88 | 71 | 87 | ... | 6 | 5·5 | C. *hazy.* | K. *c.* |
| 31 | 78·8 | 77·6 | 77·8 | 77·1 | 73·7 | ·850 | ·853 | ·900 | ·847 | ·773 | 63 | 72 | 83 | 74 | 80 | ... | 6 | 5·5 | K. *c.* | K. *c. t.* ≺ |
| Mean | 77·3 | 78·9 | 77·5 | 77·2 | 74·5 | ·827 | ·893 | ·901 | ·867 | ·823 | 68 | 73 | 86 | 79 | 89 | Total 8·67 | 6·87 | 6·47 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN AUGUST 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed Vapour Tension. Inches. | Relative Humidity. % | Rainfall.* Inches. | Rainfall.* No. of Falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours Calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·650 | 80·8 | 78·7 | ·957 | 91 | 0·11 | 3 | 0 | 0 | 1 | 27 | 44 | 28 | 10 | 0 | 2 | No interpolated values. Registers complete |
| 1 | ·635 | 80·7 | 78·7 | ·958 | 91 | 0·21 | 2 | 0 | 0 | 2 | 24 | 40·5 | 32 | 16 | 0 | 2 | |
| 2 | ·624 | 80·4 | 78·5 | ·951 | 91 | 0·02 | 1 | 0 | 2 | 8 | 27 | 29·5 | 19 | 15 | 0 | 2 | |
| 3 | ·613 | 80·2 | 78·5 | ·952 | 92 | 0·02 | 1 | 0 | 1 | 9 | 21 | 30 | 25 | 14 | 0 | 2 | |
| 4 | ·612 | 80·1 | 78·4 | ·949 | 92 | 0·03 | 2 | 0 | 0 | 13 | 13 | 31 | 22 | 13 | 0 | 1 | |
| 5 | ·615 | 80·0 | 78·3 | ·945 | 92 | 0·02 | 1 | 0 | 1 | 7 | 20 | 30 | 27 | 10 | 0 | 1 | |
| 6 | ·625 | 79·9 | 78·2 | ·946 | 92 | 0·04 | 1 | 0 | 4 | 22 | 24 | 35 | 29 | 9 | 0 | 0 | |
| 7 | ·641 | 81·5 | 79·2 | ·977 | 90 | 0·17 | 2 | 0 | 5 | 24 | 41 | 39·5 | 44 | 14 | 0 | 0 | |
| 8 | ·657 | 82·7 | 79·5 | ·967 | 86 | 0·21 | 3 | 1 | 10 | 31 | 41 | 60·5 | 62 | 15 | 2 | 0 | |
| 9 | ·670 | 83·9 | 79·9 | ·967 | 83 | 0·03 | 1 | 1 | 4 | 25 | 52 | 27 | 69 | 23 | 5 | 0 | |
| 10 | ·675 | 85·1 | 80·3 | ·971 | 80 | 1·18 | 3 | 0 | 4 | 29 | 57 | 34 | 65 | 29 | 4 | 0 | |
| 11 | ·666 | 86·0 | 80·6 | ·972 | 78 | 1·22 | 4 | 0 | 10 | 30 | 43 | 52 | 65 | 25 | 6 | 0 | |
| Noon | ·654 | 86·1 | 80·4 | ·964 | 78 | 0·42 | 7 | 1 | 6 | 29 | 43 | 47 | 61 | 21 | 4 | 0 | |
| 13 | ·628 | 86·1 | 80·5 | ·969 | 78 | 0·51 | 5 | 0 | 9 | 17 | 35 | 55 | 76 | 18 | 0 | 0 | |
| 14 | ·609 | 86·1 | 80·5 | ·968 | 78 | 0·33 | 5 | 0 | 4 | 5 | 54 | 81 | 61 | 9 | 0 | 0 | |
| 15 | ·587 | 85·9 | 80·6 | ·975 | 79 | 1·34 | 5 | 0 | 6 | 10 | 55 | 77 | 35·5 | 11 | 0 | 0 | |
| 16 | ·576 | 85·1 | 80·2 | ·965 | 80 | 0·39 | 5 | 0 | 0 | 17 | 40 | 80·5 | 41 | 14 | 0 | 0 | |
| 17 | ·573 | 84·6 | 80·1 | ·970 | 82 | 0·05 | 3 | 0 | 0 | 0 | 39 | 69 | 37 | 10 | 0 | 2 | |
| 18 | ·579 | 83·6 | 79·8 | ·968 | 84 | 0·21 | 3 | 0 | 0 | 1 | 21 | 57 | 29 | 7 | 0 | 1 | |
| 19 | ·598 | 82·6 | 79·7 | ·975 | 87 | 0·62 | 3 | 0 | 0 | 4 | 36 | 67 | 33 | 1 | 0 | 1 | |
| 20 | ·626 | 82·3 | 79·3 | ·965 | 87 | 0·14 | 2 | 0 | 0 | 0 | 35 | 68 | 36 | 0 | 0 | 2 | |
| 21 | ·645 | 81·9 | 79·2 | ·963 | 88 | 1·45 | 4 | 0 | 0 | 1 | 30 | 58 | 39 | 2 | 0 | 1 | |
| 22 | ·661 | 81·5 | 79·1 | ·964 | 89 | 1·19 | 5 | 0 | 0 | 0 | 31 | 70 | 30 | 2 | 0 | 2 | |
| 23 | ·661 | 80·9 | 78·9 | ·961 | 90 | 0·19 | 3 | 0 | 0 | 2 | 28 | 58 | 32 | 5 | 0 | 1 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN AUGUST, 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours Calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 20·5 | 8·5 | 2·5 | 11 | 9·5 | 5 | 6·5 | 17·5 | 4 | 4 | 0 | 0 | 0 | 25 | 97 | 45 | 13 | 1 |
| 1 to 2 | 23 | 10 | 3·5 | 10 | 11·5 | 8 | 5·5 | 19·5 | 5 | 4 | 0 | 0 | 0 | 19·5 | 94 | 44 | 17·5 | 0 |
| 2 to 3 | 21·5 | 9·5 | 0·5 | 10 | 13 | 9·5 | 8 | 61 | 6 | 3·5 | 0 | 0 | 0 | 28·5 | 82·5 | 47 | 20·5 | 0 |
| 3 to 4 | 20·5 | 12 | 0·5 | 13·5 | 19 | 14 | 7·5 | 16 | 2 | 3 | 2·5 | 2·5 | 0 | 30 | 79·5 | 52 | 21·5 | 0 |
| 4 to 5 | 19 | 12·5 | 1 | 10·5 | 15 | 10·5 | 15·5 | 13 | 3 | 2 | 0 | 0 | 0 | 33·5 | 91 | 50·5 | 17 | 0 |
| 5 to 6 | 20 | 17 | 2 | 10·5 | 20 | 12·5 | 16 | 16 | 4 | 1 | 0 | 0 | 0 | 39·5 | 88 | 47·5 | 13 | 0 |
| 6 to 7 | 26 | 13·5 | 6 | 12·5 | 15·5 | 16·5 | 19·5 | 16·5 | 2 | 4 | 0 | 0 | 0 | 28·5 | 120 | 38·5 | 16 | 0 |
| 7 to 8 | 31·5 | 12·5 | 13 | 16 | 15·5 | 22 | 17·5 | 18 | 2 | 2 | 0 | 0 | 1·5 | 28 | 154·5 | 35 | 13 | 0 |
| 8 to 9 | 38 | 15·5 | 3 | 16·5 | 25 | 28·5 | 16 | 30·5 | 1 | 4 | 3 | 0 | 2 | 24 | 158 | 83·5 | 20·5 | 0 |
| 9 to 10 | 43 | 16 | 0·5 | 15 | 25·5 | 27 | 21 | 25 | 1 | 7 | 2 | 0 | 0 | 13·5 | 156·5 | 119·5 | 24·5 | 0 |
| 10 to 11 | 50 | 6 | 2.5 | 9·5 | 35·5 | 7·5 | 9 | 56 | 0 | 11·5 | 0 | 0 | 0 | 2 | 178 | 104 | 20·5 | 0 |
| 11 to Noon | 47·5 | 7·5 | 4·5 | 23·5 | 32 | 10 | 12 | 51 | 0 | 11·5 | 2·5 | 1 | 0 | 10 | 160 | 124 | 24 | 0 |
| Noon to 13 | 45 | 10 | 3 | 14 | 31·5 | 8·5 | 13 | 52 | 0 | 3·5 | 3 | 0 | 3·5 | 24 | 151 | 121 | 27 | 0 |
| 13 to 14 | 44·5 | 10·5 | 8 | 16·5 | 29·5 | 8·5 | 12·5 | 45 | 1 | 4·5 | 4·5 | 2 | 0 | 15·5 | 182·5 | 127·5 | 29·5 | 0 |
| 14 to 15 | 48 | 9 | 16 | 18·5 | 18 | 18 | 6 | 37·5 | 0 | 10 | 3·5 | 3·5 | 4 | 20·5 | 180 | 136·5 | 25 | 0 |
| 15 to 16 | 28·5 | 21 | 3 | 17·5 | 17·5 | 14 | 9 | 31·5 | 3 | 16·5 | 0 | 0 | 8 | 14 | 182·5 | 116·5 | 23·5 | 0 |
| 16 to 17 | 31·5 | 16 | 6·5 | 3·5 | 20 | 22·5 | 7·5 | 32·5 | 3 | 4·5 | 1 | 0 | 0 | 24 | 176·5 | 122 | 19 | 0 |
| 17 to 18 | 28·5 | 18 | 3·5 | 5 | 25·5 | 14 | 7·5 | 21 | 1 | 3 | 9 | 0 | 0 | 30·5 | 143 | 84 | 12·5 | 0 |
| 18 to 19 | 21·5 | 16 | 2·5 | 9 | 12 | 12·5 | 6 | 16·5 | 2 | 2·5 | 0 | 0 | 0 | 44·5 | 109 | 58·5 | 5·5 | 0 |
| 19 to 20 | 23·5 | 8·5 | 1·5 | 7 | 8 | 10·5 | 11 | 23 | 5 | 2 | 0 | 0 | 5 | 36 | 65·5 | 63·5 | 5 | 0 |
| 20 to 21 | 21 | 6·5 | 3 | 7·5 | 8·5 | 10 | 6 | 15·5 | 3 | 1·5 | 0 | 0 | 10·5 | 24·5 | 59·5 | 58 | 13 | 0 |
| 21 to 22 | 17 | 9 | 3·5 | 6 | 12 | 4·5 | 6 | 16 | 4 | 6·5 | 0 | 1 | 1 | 29·5 | 84 | 45 | 8 | 0 |
| 22 to 23 | 18·5 | 8·5 | 2·5 | 10 | 11·5 | 3 | 6 | 18 | 4 | 1 | 3 | 2 | 2 | 36·5 | 71·5 | 50 | 17 | 0 |
| 23 to Midn. | 16·5 | 11 | 2·5 | 8 | 11·5 | 5 | 7 | 14·5 | 4 | 8 | 0 | 1·5 | 1·5 | 27 | 91 | 44·5 | 10·5 | 1 |

# SEPTEMBER 1887.

*N. B.*—At Alipore new verified thermometers for minimum air temperature and minimum temperature of evaporation were temporarily brought into use on the 7th September to replace those previously in use for the purpose of re-verification.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·714 | 29·766 | 29·662 | 29·758 | 29·724 | 79·3 | 82·3 | 81·3 | 79·6 | 82·2 | 85·5 | 79·2 | 6·3 | 0·7 | 140·6 | 55·1 | 76·5 | 2·7 | SSE | SSW | S by E | SSE | 91 |
| 2 | ·726 | ·787 | ·688 | ·774 | ·738 | 78·8 | 82·8 | 79·3 | 80·3 | 81·5 | 86·3 | 78·1 | 8·2 | 2·4 | 146·5 | 60·2 | 76·3 | 1·8 | S by W | S by W | S by E | S | 117 |
| 3 | ·708 | ·746 | ·640 | ·728 | ·705 | 78·3 | 79·5 | 84·4 | 80·9 | 82·5 | 86·5 | 77·8 | 8·7 | 2·0 | 147·9 | 61·4 | 75·1 | 2·7 | SSW | S by W | S | S by W | 149 |
| 4 | ·683 | ·718 | ·624 | ·740 | ·685 | 79·3 | 83·4 | 86·0 | 80·8 | 83·3 | 87·7 | 79·0 | 8·7 | 2·6 | 148·6 | 60·9 | 75·8 | 3·2 | S | S | SW | S by W | 158 |
| 5 | ·707 | ·761 | ·697 | ·781 | ·729 | 78·7 | 83·8 | 85·8 | 80·8 | 83·3 | 88·1 | 78·4 | 9·7 | 3·2 | 148·5 | 60·4 | 74·8 | 3·6 | S | SW by S | SW | SW | 85 |
| 6 | ·772 | ·836 | ·731 | ·814 | ·780 | 78·3 | 85·3 | 88·2 | 82·3 | 84·2 | 88·9 | 78·0 | 10·9 | 9·0 | 153·6 | 64·7 | 73·8 | 4·2 | SW | SW | SW | S by E | 44 |
| 7 | ·807 | ·823 | ·693 | ·774 | ·774 | 80·3 | 86·9 | 85·3 | 81·3 | 84·4 | 90·7 | 79·8 | 10·9 | 5·9 | 149·5 | 58·8 | 75·9 | 3·9 | SSW | N | ESE | WSW | 56 |
| 8 | ·767 | ·805 | ·657 | ·706 | ·730 | 80·3 | 86·3 | 88·2 | 81·5 | 84·9 | 90·6 | 79·9 | 10·7 | 0·6 | 139·8 | 49·2 | 76·8 | 3·1 | NW by W | N | NNW | NWbyW | 56 |
| 9 | ·677 | ·702 | ·542 | ·609 | ·639 | 81·3 | 87·5 | 89·4 | 83·2 | 85·9 | 91·3 | 81·0 | 10·3 | 3·3 | 152·7 | 61·4 | 77·5 | 3·5 | NW by W | N | NNW | SE by E | 67 |
| 10 | ·540 | ·550 | ·472 | ·541 | ·518 | 77·8 | 83·5 | 77·5 | 77·6 | 80·8 | 85·5 | 77·4 | 8·1 | 0 | 99·9 | 14·4 | 74·6 | 2·8 | NNE | NNE | SE | NE | 63 |
| 11 | ·488 | ·517 | ·431 | ·546 | ·485 | 77·3 | 82·8 | 80·8 | 79·4 | 80·9 | 85·0 | 76·8 | 8·2 | 3·2 | 146·5 | 61·5 | 75·4 | 1·4 | E by N | ESE | SE by E | SE | 125 |
| 12 | ·561 | ·625 | ·539 | ·664 | ·575 | 78·3 | 83·3 | 82·3 | 80·2 | 81·8 | 86·3 | 77·9 | 8·4 | 3·8 | 146·2 | 59·9 | 75·3 | 2·6 | SE | SE by E | SE by S | SE | 97 |
| 13 | ·657 | ·700 | ·600 | ·670 | ·648 | 79·2 | 85·3 | 83·6 | 80·5 | 82·8 | 87·5 | 78·6 | 8·9 | 3·7 | 150·5 | 63·0 | 75·8 | 2·8 | SE | SE | SE | SE | 89 |
| 14 | ·612 | ·631 | ·495 | ·579 | ·578 | 79·4 | 84·3 | 87·8 | 80·4 | 82·9 | 88·3 | 78·8 | 9·5 | 5·8 | 146·9 | 58·6 | 75·8 | 3·0 | SE | SE | SE | ESE | 56 |
| 15 | ·506 | ·556 | ·456 | ·566 | ·516 | 79·6 | 82·3 | 83·5 | 80·0 | 82·2 | 85·4 | 78·3 | 7·1 | 1·2 | 146·8 | 61·4 | 77·6 | 0·7 | ESE | ESE | ESE | ESE | 107 |
| 16 | ·576 | ·669 | ·602 | ·702 | ·614 | 79·0 | 81·9 | 84·3 | 79·3 | 81·9 | 84·9 | 78·3 | 6·6 | 1·7 | 151·4 | 66·5 | 76·3 | 2·0 | SE by E | SSE | SE | SE by S | 171 |
| 17 | ·696 | ·766 | ·649 | ·766 | ·705 | 77·9 | 83·3 | 85·3 | 80·3 | 82·6 | 88·4 | 77·1 | 11·3 | 6·9 | 145·3 | 56·9 | 75·8 | 1·3 | SE by S | SE by S | SSE | SSE | 99 |
| 18 | ·714 | ·755 | ·632 | ·712 | ·705 | 79·3 | 86·1 | 86·6 | 81·8 | 84·1 | 89·0 | 78·8 | 10·2 | 10·6 | 153·5 | 64·5 | 74·9 | 3·9 | SSE | SSE | SSW | SW by S | 95 |
| 19 | ·688 | ·720 | ·608 | ·680 | ·672 | 79·8 | 86·3 | 84·5 | 80·6 | 83·2 | 88·5 | 79·2 | 9·3 | 5·1 | 148·0 | 59·5 | 75·7 | 3·5 | SSW | SSW | SSW | SSW | 100 |
| 20 | ·616 | ·674 | ·612 | ·656 | ·634 | 79·5 | 79·3 | 78·3 | 78·0 | 80·5 | 83·7 | 78·8 | 4·9 | 0·9 | 106·4 | 22·7 | 75·6 | 3·2 | S | SW | ENE | S | 99 |
| 21 | ·637 | ·671 | ·576 | ·647 | ·633 | 78·1 | 84·1 | 77·4 | 79·9 | 81·1 | 87·7 | 77·5 | 10·2 | 4·6 | 149·9 | 62·2 | 75·3 | 2·2 | SSW | S by W | SE by S | SE by S | 62 |
| 22 | ·637 | ·691 | ·603 | ·679 | ·642 | 78·7 | 87·3 | 79·3 | 77·3 | 80·4 | 83·6 | 77·7 | 5·9 | 0·1 | 112·5 | 28·9 | 76·4 | 1·3 | SE | NNE | N by W | N by W | 97 |
| 23 | ·631 | ·684 | ·581 | ·654 | ·630 | 78·3 | 83·4 | 80·3 | 79·2 | 80·7 | 86·3 | 76·9 | 9·4 | 3·5 | 147·4 | 61·1 | 74·9 | 2·0 | N by W | N by W | NNW | N | 137 |
| 24 | ·625 | ·692 | ·625 | ·725 | ·662 | 77·1 | 79·3 | 80·6 | 78·3 | 79·9 | 84·2 | 76·6 | 7·6 | 0 | 149·8 | 65·6 | 74·8 | 1·8 | NNW | NNW | W by N | WSW | 141 |
| 25 | ·709 | ·745 | ·651 | ·709 | ·696 | 77·5 | 80·2 | 82·3 | 78·2 | 80·0 | 83·8 | 77·1 | 6·7 | 0 | 132·4 | 48·6 | 75·4 | 1·7 | WSW | WSW | WSW | WSW | 119 |
| 26 | ·700 | ·743 | ·642 | ·726 | ·696 | 77·5 | 84·6 | 87·3 | 80·2 | 82·3 | 88·6 | 77·1 | 11·5 | 10.5 | 145·3 | 56·7 | 73·8 | 3·3 | WSW | WSW | WSW | S by W | 70 |
| 27 | ·742 | ·793 | ·686 | ·764 | ·737 | 79·2 | 80·6 | 85·9 | 79·3 | 81·7 | 87·5 | 78·1 | 9·4 | 3·3 | 152·8 | 65·3 | 74·5 | 3·6 | S by W | ENE | E | W by N | 50 |
| 28 | ·743 | ·812 | ·717 | ·807 | ·759 | 79·4 | 85·8 | 88·3 | 80·4 | 83·4 | 89·4 | 78·9 | 10·5 | 7·0 | 153·5 | 64·1 | 76·2 | 2·7 | W by N | W by N | W by N | SSE | 85 |
| 29 | 782 | ·860 | ·754 | ·805 | ·794 | 78·1 | 85·6 | 88·2 | 80·3 | 83·3 | 89·8 | 78·0 | 11·8 | 8·1 | 145·3 | 55·5 | 73·2 | 4·8 | WSW | W by S | NWbyW | W | 95 |
| 30 | ·792 | ·861 | ·760 | ·812 | ·802 | 79·0 | 86·1 | 88·9 | 78·3 | 83·1 | 89·5 | 78·4 | 11·1 | 10·4 | 144·2 | 54·7 | 72·8 | 5·6 | W by S | W | WNW | NWbyW | 77 |
| Mean | 29·674 | 29·722 | 29·621 | 29·703 | 29·674 | 78·8 | 83·8 | 84·0 | 80·0 | 82·4 | 87·3 | 78·3 | 9·0 | Total 120·1 | 143·4 | 56·1 | 75·4 | 2·8 | ... | ... | ... | ... | 95·2 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rainfall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 78·2 | 79·9 | 77·7 | 78·9 | 79·3 | 78·1 | ·953 | ·989 | ·904 | ·980 | ·966 | ·950 | 95 | 89 | 85 | 97 | 88 | 95 | ... | 9 | 9 | 10 | 9 | Pk. Ck.*c.* | Cs. K.Pc. *c.o.* | Pc.Cs.Ck *c.o.* |
| 2 | 77·5 | 79·2 | 78·2 | 78·5 | 79·3 | 76·8 | ·929 | ·952 | ·953 | ·950 | ·973 | ·907 | 94 | 85 | 95 | 91 | 90 | 94 | 0·38 | 10 | 10 | 10 | 10 | P. *o.g.d.* | Pk. K. Fk. P. *o. g. t. d. p.* | P.Pc.Ck. *o. g.* |
| 3 | 76·2 | 77·2 | 79·3 | 78·2 | 79·1 | 76·2 | ·878 | ·905 | ·935 | ·930 | ·951 | ·885 | 91 | 90 | 79 | 88 | 86 | 93 | ... | 10 | 10 | 8 | 10 | Pc. Cs. Pk. *o.* | Pk. Cs. *o.c.* | C. Cs. Pc. *c.* |
| 4 | 77·9 | 79·2 | 79·2 | 78·4 | 79·7 | 77·6 | ·937 | ·945 | ·905 | ·940 | ·969 | ·928 | 93 | 83 | 72 | 89 | 85 | 93 | ... | 10 | 10 | 8 | 10 | P. Pc. *o.* | Pc. Fk. K. C. Cs. *o.c.* | K.C.Cs.Pc.*c.o.* |
| 5 | 77·7 | 79·3 | 80·7 | 79·3 | 80·1 | 77·6 | ·938 | ·942 | ·982 | ·982 | 983 | ·935 | 95 | 81 | 80 | 93 | 86 | 95 | 0·06 | 9 | 8 | 8 | 5 | Cs.Pc.*c.* | K. C. Pk. *c.d.* | K. Cs. C. *c.* |
| 6 | 77·3 | 79·2 | 78·7 | 79·4 | 79·9 | 77·3 | ·925 | ·918 | ·854 | ·965 | ·963 | ·929 | 95 | 76 | 64 | 87 | 83 | 97 | ... | 9 | 7 | 5 | 5 | C.Cs.Pc. *c.* | K. Cs. *c.* | Cs. C. Pc. *c.* |
| 7 | 79·2 | 81·2 | 81·5 | 80·2 | 80·8 | 78·6 | ·986 | ·989 | 1·023 | 1·019 | 1·004 | ·966 | 96 | 77 | 84 | 96 | 85 | 96 | 0·30 | 4 | 6 | 8 | 4 | Pk. Ck. *c.* | K. Pk. *c. t. p.* | Pk.C.Fk.*c.o.g. t. d. p.* |
| 8 | 79·5 | 81·3 | 82·4 | 80·5 | 81·2 | 79·0 | ·996 | 1·003 | 1·027 | 1·029 | 1·016 | ·979 | 96 | 80 | 76 | 96 | 85 | 96 | 0·02 | 10 | 10 | 8 | 6 | C. Pc. *o.* | Ck.Cs.C. K. *o. c.* | Cs.Pk.P.Pc. *c. t. d.* |
| 9 | 80·9 | 81·2 | 80·5 | 81·4 | 81·9 | 79·3 | 1·050 | ·982 | ·920 | 1·046 | 1·036 | ·979 | 98 | 75 | 66 | 91 | 83 | 92 | 0·01 | 9 | 10 | 9 | 10 | Pk.Ck.Pc. *c.* | K.Pk.Cs. *o.c.* | Cs.Pk.P.*o.g. t. d.* |
| 10 | 76·2 | 79·4 | 76·5 | 76·7 | 78·4 | 74·8 | ·885 | ·951 | ·901 | ·907 | ·942 | ·830 | 93 | 83 | 95 | 95 | 89 | 89 | 1·03 | 10 | 10 | 10 | 10 | P.Pk.Pc. *o. d.* | Pc. P. *o.g. t. d. p.* | P. *o. g. d.* |
| 11 | 76·5 | 78·7 | 79·2 | 78·9 | 78·7 | 76·0 | ·901 | ·928 | ·979 | ·983 | ·952 | ·886 | 95 | 83 | 93 | 98 | 90 | 95 | 0·24 | 10 | 9 | 10 | 3 | Pc. *o.g.* | K. Fk. P. *c. o. g.p.d.* | P. Fk.Pc. *o.g. c. d.* |
| 12 | 77·4 | 79·2 | 79·2 | 79·1 | 79·3 | 77·1 | ·928 | ·945 | ·959 | ·982 | ·968 | ·919 | 95 | 83 | 87 | 96 | 89 | 95 | 0·37 | 9 | 8 | 8 | 0 | P.Pk.Pc. *c.d.* | K. Fk. Pc. Cs. P. *c.o.p.t.* | Ck. Cs. *c.b.* |
| 13 | 78·3 | 80·2 | 79·5 | 79·3 | 80·1 | 77·8 | ·957 | ·965 | ·955 | ·989 | ·991 | ·941 | 95 | 79 | 83 | 96 | 88 | 95 | 0·03 | 3 | 7 | 8 | 0 | Ck. C. *c.* | K.Ck.Pk. *c.* | Pc.Cs.Pk.*c.b.d.* |
| 14 | 79·1 | 81·2 | 80·5 | 79·8 | 80·0 | 77·6 | ·993 | 1·026 | ·945 | 1·012 | ·990 | ·935 | 98 | 87 | 72 | 98 | 88 | 95 | 1·43 | 8 | 9 | 8 | 2 | Pc. *c.* | K. Pk. *c.t.* | P.Pc. *o.g.p.c.* |
| 15 | 79·2 | 79·2 | 79·2 | 78·2 | 79·4 | 76·7 | ·993 | ·959 | ·942 | ·940 | ·967 | ·900 | 98 | 87 | 82 | 91 | 88 | 93 | 0·24 | 10 | 10 | 10 | 10 | Pc.Pk.*o. p.* | K.Pk. Fk. *o.* | P. Fk. *o.g.* |
| 16 | 77·7 | 79·5 | 79·5 | 77·7 | 79·2 | 76·9 | ·935 | ·976 | ·942 | ·931 | ·963 | ·906 | 94 | 89 | 79 | 93 | 88 | 93 | 0·07 | 10 | 10 | 8 | 2 | Pc.*o.g.d.* | P.Fk.K.Cs. *o.c.* | K. Pc. *c.* |
| 17 | 76·8 | 78·4 | 79·6 | 78·4 | 79·2 | 76·0 | ·910 | ·906 | ·935 | ·946 | ·951 | ·886 | 95 | 79 | 77 | 91 | 84 | 95 | 0·02 | 10 | 8 | 4 | 0 | P. *o.g.d.* | K. Fk.Cs. *c.* | K. *c. b.* |
| 18 | 78·3 | 79·5 | 79·2 | 79·0 | 80·1 | 78·1 | ·957 | ·921 | ·898 | ·952 | ·973 | ·954 | 95 | 74 | 70 | 87 | 83 | 97 | ... | 3 | 5 | 7 | 0 | K.Fk.*c.* | K. *c.* | Cs. *b. c.* |
| 19 | 78·8 | 81·2 | 81·1 | 79·2 | 80·1 | 78·0 | ·973 | ·999 | 1·016 | ·979 | ·990 | ·947 | 96 | 80 | 85 | 93 | 87 | 95 | 1·00 | 4 | 7 | 7 | 0 | Pk. Fk. *c.* | K.P.C. *o.g.t.p.* | Cs. K. *b. c.* |
| 20 | 78·9 | 77·4 | 77·2 | 77·3 | 78·9 | 78·0 | ·983 | ·914 | ·922 | ·929 | ·968 | ·947 | 98 | 91 | 95 | 97 | 93 | 95 | 1·00 | 8 | 10 | 10 | 3 | C.Cs. *c. p.* | P. *o. g. t. p.* | P. Pc. *o.g.c.* |
| 21 | 77·4 | 80·1 | 76·2 | 79·3 | 78·8 | 76·7 | ·932 | ·974 | ·892 | ·996 | ·955 | ·907 | 97 | 83 | 95 | 98 | 90 | 95 | 0·74 | 10 | 7 | 8 | 1 | Pc.Ck. *o.* | K. Fk. Pk. P. *o. g. p. c.* | Pk.Ck. Fk. *c.* |
| 22 | 77·8 | 79·2 | 76·9 | 76·2 | 78·2 | 76·2 | ·941 | ·891 | ·892 | ·892 | ·936 | ·885 | 95 | 69 | 89 | 95 | 90 | 93 | 0·48 | 10 | 10 | 10 | 6 | Pc. Cs. Ck.*o.* | P. *o. g. t. p.* | P.Pc.*o g.t.d.c.* |
| 23 | 77·2 | 78·1 | 78·4 | 77·5 | 78·1 | 75·5 | ·922 | ·893 | ·946 | ·922 | ·928 | ·864 | 95 | 78 | 91 | 92 | 88 | 93 | 1·55 | 10 | 6 | 7 | 9 | P. *o.g.d.* | K. Fk. Pk. P. *o. g. p. c.* | Pk. Fk. P. Pc. *o. g. d. c.* |
| 24 | 74·0 | 75·7 | 76·3 | 76·7 | 76 6 | 71·9 | ·801 | ·843 | ·851 | ·900 | ·871 | ·720 | 86 | 85 | 81 | 93 | 85 | 78 | 0·28 | 10 | 10 | 10 | 10 | Pc.*o.g.p. d.* | P. *o. g. d.* | P. Pk. *o.g.d.p.* |
| 25 | 76·7 | 74·7 | 74·4 | 77·0 | 76·9 | 75·7 | ·907 | ·787 | ·745 | ·916 | ·884 | ·870 | 95 | 76 | 67 | 95 | 87 | 93 | 0·03 | 10 | 10 | 8 | 10 | Pk.Fk. *o. g.d.* | Pc.Pk.Ck.*o.c.d.* | Ck.Pk. *c. o.* |
| 26 | 76·7 | 78·4 | 76·8 | 78·4 | 78·5 | 76·2 | ·907 | ·892 | ·781 | ·946 | ·926 | ·892 | 95 | 75 | 60 | 91 | 84 | 95 | ... | 6 | 1 | 2 | 1 | Pc. Ck. *c.* | K.Cs. *c.* | K.Cs.Fk. *c.* |
| 27 | 78·3 | 78·7 | 80·1 | 77·7 | 79·0 | 76·7 | ·957 | ·956 | ·947 | ·931 | ·956 | ·900 | 95 | 91 | 76 | 93 | 88 | 93 | 0·26 | 10 | 10 | 7 | 8 | Pk. Pc. *o.p* | Pk. P. Cs. K. *o.g. c. p.* | Cs.K.Ck.Pc. *c.* |
| 28 | 77·9 | 78·2 | 76·2 | 79·1 | 78·3 | 76·7 | ·937 | ·865 | ·743 | ·979 | ·919 | ·893 | 93 | 70 | 56 | 94 | 81 | 91 | ... | 9 | 8 | 6 | 2 | Pk, Ck. *c.* | Ck. C.Cs. *c.* | C. Cs. Fk. *c.* |
| 29 | 76·2 | 76·7 | 77·1 | 79·0 | 78·5 | 75·6 | ·878 | ·798 | ·783 | ·976 | ·914 | ·853 | 91 | 65 | 59 | 94 | 81 | 89 | ... | 9 | 6 | 4 | 9 | C.Pc. *c.* | C. Cs. K. *c.* | C.Cs.Pc. *c.* |
| 30 | 78·2 | 76·2 | 76·2 | 76·3 | 77·7 | 76·0 | ·953 | ·770 | ·733 | ·881 | ·880 | ·865 | 95 | 61 | 54 | 91 | 79 | 89 | ... | 0 | 0 | 1 | 0 | *b.* | K. *b.c.* | *b.* |
| Mean | 77·7 | 78·9 | 78·6 | 78·5 | 79·2 | 76·8 | ·938 | ·926 | ·907 | ·958 | ·956 | ·905 | 95 | 80 | 78 | 93 | 86 | 93 | Total 9·54 | 8·30 | 8·03 | 7·57 | 5·17 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·339 | 29·393 | 29·323 | 29·403 | 29·358 | 79·6 | 89·1 | 80·0 | 79·5 | 81·7 | 92·5 | 78·9 | 13·6 | 5·4 | 159·6 | 67·1 | 75·8 | 3·1 | Calm | SSE | N | E | 101·0 |
| 2 | ·372 | ·424 | ·331 | ·391 | ·374 | 79·4 | 83·5 | 77·7 | 78·3 | 79·4 | 85·6 | 78·6 | 7·0 | 0·5 | 143·6 | 58·0 | 76·0 | 2·6 | E | ENE | ESE | ESE | 103·3 |
| 3 | ·341 | ·373 | ·282 | ·348 | ·330 | 79·3 | 78·2 | 80·2 | 77·2 | 78·4 | 84·5 | 76·3 | 8·2 | 1·3 | 159·1 | 74·6 | ? | ? | SW | SSE | NW | Calm | 55·0 |
| 4 | ·305 | ·358 | ·269 | ·373 | ·320 | 75·8 | 82·3 | 86·6 | 80·2 | 80·9 | 88·4 | 74·6 | 13·8 | 6·9 | 158·2 | 69·8 | 71·2 | 3·4 | WSW | WNW | NW | WNW | 90·9 |
| 5 | ·392 | ·442 | ·369 | ·453 | ·408 | 77·5 | 85·3 | 83·6 | 79·2 | 81·1 | 89·8 | 76·7 | 13·1 | 10·6 | 151·8 | 62·0 | 73·6 | 3·1 | WNW | WNW | SW | Calm | 119·3 |
| 6 | ·476 | ·524 | ·431 | ·494 | ·475 | 77·4 | 85·3 | 89·8 | 82·3 | 83·4 | 90·3 | 76·5 | 13·8 | 9·6 | 152·2 | 61·9 | 71·0 | 5·5 | Calm | NW | ESE | E | 35·6 |
| 7 | ·516 | ·546 | ·419 | ·472 | ·482 | 80·2 | 88·3 | 92·3 | 82·3 | 85·5 | 92·3 | 79·1 | 13·2 | 11·7 | 154·9 | 62·6 | 74·8 | 4·3 | ESE | E | E | Calm | 90·6 |
| 8 | ·497 | ·520 | ·376 | ·414 | ·446 | 80·2 | 90·3 | 93·7 | 84·2 | 86·8 | 94·5 | 79·6 | 14·9 | 11·0 | 153·6 | 59·1 | 74·6 | 5·0 | Calm | E | WNW | Calm | 21·7 |
| 9 | ·418 | ·447 | ·299 | ·332 | ·368 | 80·2 | 90·9 | 94·8 | 83·9 | 87·1 | 94·9 | 79·3 | 15·6 | 10·9 | 153·4 | 58·5 | 74·6 | 4·7 | Calm | N | NNW | Calm | 24·9 |
| 10 | ·321 | ·324 | ·189 | ·272 | ·270 | 80·7 | 89·8 | 92·4 | 82·5 | 86·1 | 93·5 | 79·8 | 13·7 | 4·0 | 150·4 | 56·9 | 75·8 | 4·0 | NNW | WNW | NW | NW | 30·0 |
| 11 | ·244 | ·263 | ·209 | ·269 | ·240 | 79·2 | 91·3 | 81·4 | 78·8 | 82·4 | 94·5 | 78·5 | 16·0 | 7·1 | 157·7 | 63·2 | 74·2 | 4·3 | Calm | N | N | E | 41·8 |
| 12 | ·257 | ·319 | ·182 | ·315 | ·262 | 78·0 | 83·3 | 90·3 | 83·2 | 83·4 | 90·3 | 76·6 | 13·7 | 6·3 | 150·4 | 60·1 | 74·0 | 2·6 | NE | E | E | ENE | 198·7 |
| 13 | ·318 | ·380 | ·244 | ·345 | ·316 | 80·7 | 88·3 | 91·5 | 83·4 | 85·7 | 91·5 | 79·6 | 11·9 | 9·0 | 152·4 | 60·9 | 77·5 | 2·1 | ENE | ENE | E | E | 226·0 |
| 14 | ·293 | ·309 | ·175 | ·266 | ·255 | 80·7 | 89·3 | 93·3 | 84·3 | 86·6 | 93·3 | 79·7 | 13·6 | 11·5 | 162·0 | 68·7 | ? | ? | E | E | E | ENE | 146·6 |
| 15 | ·203 | ·258 | ·145 | ·272 | ·214 | 81·3 | 91·4 | 83·3 | 82·2 | 84·3 | 95·0 | 79·9 | 15·1 | 9·3 | 157·7 | 62·7 | 76·2 | 3·7 | ENE | ENE | E | ESE | 106·2 |
| 16 | ·276 | ·346 | ·242 | ·337 | ·294 | 80·2 | 84·3 | 84·3 | 80·2 | 81·9 | 87·6 | 79·3 | 8·3 | 3·7 | 154·6 | 67·0 | 76·8 | 2·5 | E | E | E | ENE | 223·6 |
| 17 | ·321 | ·404 | ·310 | ·422 | ·358 | 79·2 | 84·3 | 90·3 | 81·8 | 83·6 | 90·4 | 78·2 | 12·2 | 7·1 | 159·2 | 68·8 | 77·0 | 1·2 | E | SE | SE | ENE | 131·7 |
| 18 | ·379 | ·432 | ·292 | ·374 | ·363 | 79·2 | 87·8 | 91·8 | 81·0 | 84·7 | 92·1 | 77·8 | 14·3 | 8·0 | 154·2 | 62·1 | 75·9 | 1·9 | ENE | E | SSE | W | 59·1 |
| 19 | ·335 | ·389 | ·303 | ·368 | ·343 | 81·8 | 86·4 | 84·8 | 79·2 | 82·7 | 89·2 | 78·5 | 10·7 | 7·0 | 154·0 | 64·8 | 76·8 | 1·7 | Calm | WSW | NW | N | 99·9 |
| 20 | ·358 | ·396 | ·311 | ·378 | ·355 | 78·2 | 84·3 | 89·2 | 81·3 | 82·9 | 89·2 | 77·8 | 11·4 | 8·6 | 145·0 | 55·8 | 74·6 | 3·2 | NW | WNW | WNW | W | 140·5 |
| 21 | ·397 | ·448 | ·362 | ·418 | ·400 | 77·2 | 83·6 | 88 8 | 78·2 | 81·7 | 88·9 | 76·6 | 12·3 | 10·6 | 147·2 | 58·3 | 72·0 | 4·6 | WSW | WNW | WNW | W | 132·9 |
| 22 | ·442 | ·491 | ·398 | ·453 | ·440 | 74·2 | 84·3 | 88·3 | 75·7 | 80·3 | 89·3 | 73·7 | 15·6 | 11·0 | 150·2 | 60·9 | 67·3 | 6·4 | WSW | NW | NW | WSW | 121·9 |
| 23 | ·414 | ·454 | ·360 | ·427 | ·408 | 74·2 | 84·8 | 89·6 | 77·2 | 81·1 | 90·1 | 73·2 | 16·9 | 11·6 | 148·4 | 58·3 | 67·5 | 5·7 | W | NW | NW | W | 134·1 |
| 24 | ·397 | ·418 | ·334 | ·406 | ·383 | 71·1 | 85·2 | 91·4 | 76·2 | 80·7 | 91·5 | 70·6 | 20·9 | 11·5 | 150·3 | 58·8 | 59·1 | 11·5 | W | WNW | WNW | WNW | 144·1 |
| 25 | ·406 | ·449 | ·357 | ·418 | ·402 | 71·1 | 84·3 | 92·3 | 77·2 | 80·9 | 92·4 | 70·6 | 21·8 | 11·0 | 150·4 | 58·0 | 63·9 | 6·7 | WNW | NNW | NW | WNW | 105·7 |
| 26 | ·439 | ·479 | ·394 | ·459 | ·437 | 70·8 | 83·9 | 91·8 | 75·3 | 80·1 | 91·8 | 70·7 | 21·1 | 11·0 | 149·4 | 57·6 | 64·9 | 5·8 | WNW | WNW | NW | WNW | 103·3 |
| 27 | ·494 | ·548 | ·427 | ·485 | ·482 | 72·0 | 85·1 | 92·3 | 78·4 | 81·7 | 92·7 | 71·4 | 21·3 | 10·9 | 149·6 | 56·9 | 63·0 | 8·4 | W | WNW | WNW | W | 134·2 |
| 28 | ·497 | ·553 | ·449 | ·513 | ·497 | 72·1 | 86·3 | 92·5 | 80·5 | 82·5 | 92·5 | 71·7 | 20·8 | 9·8 | 149·4 | 56·9 | 64·7 | 7·0 | WNW | NW | WNW | WSW | 132·1 |
| 29 | ·522 | ·567 | ·481 | ·523 | ·517 | 72·1 | 87·3 | 89·3 | 79·3 | 81·7 | 94·0 | 71·8 | 22·2 | 10·2 | 151·3 | 57·3 | 65·2 | 6·6 | WNW | WNW | NW | W | 121·7 |
| 30 | ·513 | ·560 | ·460 | ·514 | ·506 | 73·2 | 87·6 | 92·3 | 80·1 | 83·0 | 92·5 | 72·0 | 20·5 | 10·0 | 154·7 | 62·2 | 63·9 | 8·1 | WNW | WNW | NW | WSW | 124·1 |
| Mean | 29·383 | 29·427 | 29·324 | 29·397 | 29·377 | 77·2 | 86·2 | 88·7 | 80·1 | 82·7 | 91·2 | 76·3 | 14·9 | Total 275·1 | 152·8 | 61·7 | 71·5 | 4·6 | ... | ... | ... | ... | 110·0 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 79·2 | 83·0 | 77·3 | 77·5 | 79·2 | 78·0 | ·994 | 1·048 | ·902 | ·918 | ·966 | ·948 | 98 | 77 | 88 | 91 | 88 | 96 | ... | 4 | 6 | 10 | 9 | C. Fk. *c.* | C. Ck. Fk. Pc. Pk. *c.o.* | Pc.Pk. Cs. Ck. *o g.* |
| 2 | 78·4 | 79·8 | 76·1 | 77·2 | 77·9 | 76·6 | ·960 | ·969 | ·881 | ·921 | ·933 | ·890 | 95 | 84 | 93 | 95 | 92 | 91 | 0·62 | 10 | 10 | 10 | 10 | Cs.Pk.*o.* | Pk. *o.g d.* | Pk.Pc. *o.g.* |
| 3 | 76·2 | 78·2 | 76·5 | 77·2 | 77·0 | 75·4 | ·892 | ·940 | ·876 | ·922 | ·908 | ·869 | 95 | 91 | 88 | 95 | 92 | 96 | 0·44 | 9 | 10 | 10 | 10 | Cs.Pk.*c.* | Pk.Ck. P c. *o. d.* | Pc.Pk.*o.d.* |
| 4 | 75·2 | 78·5 | 79·5 | 77·3 | 77·6 | 73·9 | ·868 | ·925 | ·913 | ·900 | ·902 | ·829 | 96 | 84 | 72 | 87 | 85 | 97 | 0·04 | 8 | 8 | 7 | 8 | C. Cs. Pk. *c.* | Pk.K.C.Fk. Ck. *c.* | C.Ck.Cs.*c.* |
| 5 | 76·5 | 80·2 | 81·2 | 77·9 | 79·0 | 76·2 | ·901 | ·963 | 1·034 | ·940 | ·960 | ·899 | 95 | 79 | 89 | 94 | 89 | 98 | 0·16 | 1 | 4 | 8 | 10 | Ck.*c.* | Fk. K. Pk. *c.r.* | C. Cs. Fk. *c.o.* |
| 6 | 77·0 | 79·2 | 79·5 | 79·4 | 78·8 | 76·1 | ·923 | ·916 | ·869 | ·967 | ·919 | ·897 | 98 | 76 | 62 | 87 | 81 | 98 | ... | 2 | 5 | 9 | 3 | C.Ck. *c.* | Fk.K.Kc.*c.* | Cs.K.C. *c.* |
| 7 | 79·2 | 82·1 | 80·2 | 79·2 | 80·2 | 78·6 | ·986 | 1·014 | ·868 | ·957 | ·956 | ·973 | 96 | 76 | 57 | 87 | 79 | 98 | ... | 1 | 6 | 2 | 3 | Fk. *c.* | Fk.K.Cs. *c.* | Cs. C. *c.* |
| 8 | 79·3 | 80·8 | 80·2 | 81·2 | 80·4 | 78·5 | ·990 | ·924 | ·849 | 1·026 | 947 | ·962 | 96 | 65 | 53 | 87 | 75 | 96 | ... | 0 | 4 | 3 | 0 | *b.* | Fk.K.C. *c.* | C. Cs. *c.b.* |
| 9 | 78·5 | 81·3 | 81·7 | 81·2 | 80·7 | 77·6 | ·953 | ·940 | ·906 | 1·030 | ·957 | ·925 | 92 | 65 | 56 | 88 | 75 | 92 | ... | 2 | 2 | 1 | 0 | C. Cs. *c.* | Fk. K. *c.* | Cs. *c. b.* |
| 10 | 79·2 | 81·2 | 79·7 | 78·2 | 79·6 | 79·2 | ·979 | ·950 | ·843 | ·908 | ·920 | ·991 | 93 | 68 | 55 | 82 | 74 | 98 | ... | 7 | 8 | 9 | 0 | Ck. Cs. *c.* | C.K.Cs. *c.* | C. Cs. *c.b.* |
| 11 | 77·6 | 80·3 | 75·5 | 76·2 | 77·4 | 77·0 | ·926 | ·886 | ·805 | ·870 | ·872 | ·909 | 93 | 60 | 76 | 89 | 80 | 93 | 0·07 | 9 | 3 | 10 | 10 | Pc. Cs. *c.* | C.Fk.Pk. Pc.*c.o.g.t.* | Pk.Pc.*o.g.d.* |
| 12 | 76·2 | 79·7 | 80·4 | 79·2 | 78·9 | 74·2 | ·881 | ·967 | ·905 | ·945 | ·924 | ·814 | 92 | 85 | 63 | 83 | 81 | 89 | 0·07 | 10 | 10 | 7 | 5 | Cs.Ck. *o.* | Cs.Ck. Fk. K. *o. c.* | Cs.Fk.Pk. *c.t.* |
| 13 | 79·2 | 79·9 | 81·4 | 80·1 | 80·2 | 78·2 | ·979 | ·908 | ·937 | ·984 | ·952 | ·948 | 93 | 67 | 63 | 86 | 77 | 93 | 0·04 | 2 | 2 | 2 | 0 | C. Cs. *c.* | Fk.K.Ck. Cs. *c.* | C. Cs. *c.b.* |
| 14 | 79·2 | 81·0 | 81·2 | 80·2 | 80·4 | 78·4 | ·979 | ·947 | ·902 | ·977 | ·951 | ·956 | 93 | 68 | 58 | 83 | 76 | 94 | ... | 3 | 2 | 3 | 0 | C. Ck. *c.* | Fk.C.K. *c.* | C. K, Fk. *c.b.* |
| 15 | 80·3 | 83·2 | 79·2 | 78·1 | 80·2 | 79·0 | 1·022 | 1·027 | ·943 | ·908 | ·975 | ·980 | 96 | 70 | 83 | 83 | 83 | 96 | 0·15 | 3 | 4 | 10 | 8 | Fk. Cs. Ck. *c.* | C.Fk. Pk. *c.o.r.* | Cs.Ck.Fk. Pk. *c.* |
| 16 | 78·0 | 79·8 | 79·2 | 78·3 | 78·8 | 76·7 | ·931 | ·958 | ·930 | ·944 | ·941 | ·885 | 90 | 81 | 79 | 91 | 85 | 89 | ... | 10 | 10 | 10 | 10 | Ck. Cs. Pk. *o g.* | Pc. Pk.Fk. *o. g.* | Ck. Pk. *o. d.* |
| 17 | 78·4 | 80·9 | 81·2 | 79·8 | 80·1 | 77·5 | ·963 | 1·010 | ·943 | ·992 | ·977 | ·936 | 96 | 85 | 66 | 91 | 84 | 97 | 0·35 | 10 | 9 | 7 | 3 | Pk. Pc. *o.g.d.* | Fk.Cs. K. Pk.Ck *c.g.* | Pk.Ck. Cs. Fk. *o c.* |
| 18 | 78·7 | 82·2 | 83·2 | 79·7 | 81·0 | 77·2 | ·976 | 1·026 | 1·021 | ·998 | 1·005 | ·927 | 98 | 78 | 69 | 94 | 85 | 97 | 0·04 | 6 | 8 | 7 | 10 | Pc. Cs. Fk. *c.* | Fk. K. Pk. *c. c.* | Pk. Ck. *o. t. g. lr.* |
| 19 | 79·2 | 81·5 | 80·7 | 78·2 | 79·9 | 77·7 | ·964 | 1·011 | ·994 | ·953 | ·980 | ·941 | 89 | 81 | 83 | 95 | 87 | 96 | 0·38 | 9 | 9 | 10 | 8 | Cs.Ck. *c.* | Fk K.Pk. *c. o.g.* | P. K. *o.c.* |
| 20 | 76·4 | 78·2 | 78·7 | 77·2 | 77·6 | 76·1 | ·887 | ·884 | ·840 | ·880 | ·873 | ·879 | 92 | 75 | 61 | 83 | 78 | 92 | ... | 6 | 0 | 1 | 0 | C. Cs. *c.* | Fk. *b.c.* | Fk. *c. b.* |
| 21 | 75·0 | 77·2 | 77·5 | 75·0 | 76·2 | 74·8 | ·840 | ·849 | ·792 | ·826 | ·827 | ·839 | 90 | 73 | 58 | 85 | 76 | 92 | ... | 0 | 0 | 1 | 0 | *b.* | Cs.Fk. *b.c.* | C *c. b.* |
| 22 | 72·4 | 76·3 | 74·4 | 72·1 | 73·8 | 72·1 | ·773 | ·800 | ·665 | ·740 | ·744 | ·767 | 91 | 68 | 49 | 84 | 73 | 92 | ... | 1 | 1 | 1 | 0 | Cs. Ck. *c.* | C.Fk. *c.* | C. *c.b.* |
| 23 | 72·6 | 76·4 | 73·8 | 70·0 | 73·2 | 71·5 | ·781 | ·797 | ·622 | ·638 | ·710 | ·750 | 92 | 66 | 44 | 68 | 68 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 67·2 | 73·9 | 71·1 | 68·1 | 70·1 | 67·1 | ·616 | ·686 | ·489 | ·580 | ·593 | 618 | 81 | 57 | 33 | 64 | 59 | 83 | ... | 2 | 4 | 4 | 5 | C. *c.* | C. *c.* | C. *c.* |
| 25 | 68·0 | 74·2 | 72·6 | 71·2 | 71·5 | 67·0 | ·645 | ·710 | ·537 | ·684 | ·644 | ·615 | 85 | 60 | 36 | 73 | 64 | 82 | ... | 7 | 3 | 1 | 1 | C.Cs. *c.* | C *c.* | C. *c.* |
| 26 | 68·1 | 75·5 | 72·6 | 70·2 | 71·6 | 68·1 | ·653 | ·771 | ·544 | ·672 | 660 | ·654 | 87 | 66 | 37 | 77 | 67 | 87 | ... | 2 | 1 | 0 | 0 | C.Cs. *c.* | C. *c. b.* | *b.* |
| 27 | 67·2 | 73·4 | 74·2 | 70·3 | 71·3 | 67·3 | ·603 | ·666 | ·602 | ·634 | ·626 | ·616 | 77 | 55 | 40 | 65 | 59 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 67·5 | 74·2 | 73·5 | 70·1 | 71·3 | 67·6 | ·613 | ·683 | ·571 | ·598 | ·616 | ·622 | 78 | 55 | 38 | 57 | 57 | 81 | ... | 0 | 0 | 1 | 0 | *b.* | Fk. *b. c.* | *b.* |
| 29 | 66·3 | 73·3 | 73·7 | 69·1 | 70·6 | 66·6 | ·569 | ·632 | ·622 | ·576 | ·600 | ·584 | 72 | 49 | 45 | 58 | 56 | 74 | ... | 2 | 0 | 4 | 0 | Ck. *c.* | Ck.Cs. *b c.* | Ck. Pk. *c.b.* |
| 30 | 66·1 | 72·2 | 74·5 | 71·1 | 71·0 | 65·6 | ·548 | ·584 | ·615 | ·642 | ·597 | ·546 | 67 | 44 | 41 | 62 | 54 | 69 | .. | 0 | 2 | 2 | 0 | *b.* | Ck. Cs. *c.* | *b.* ∞ |
| Mean | 75·1 | 78·6 | 77·7 | 76·0 | 76·9 | 74·3 | ·853 | ·880 | ·807 | ·851 | ·848 | ·832 | 90 | 70 | 61 | 82 | 76 | 91 | Total 2·36 | 4·20 | 4·37 | 5·00 | 3·77 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal or woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·347 | 29·234 | 85·6 | 75·7 | 88·3 | 77·8 | 10·5 | 137·7 | 49·4 | 75·1 | 2·7 | NW | WNW | NW | NNW | 55 |
| 2 | ·377 | ·255 | 82·2 | 84·6 | 88·0 | 74·8 | 13·2 | 155·2 | 67·2 | 73·0 | 1·8 | NNW | NNW | NNW | NNE | 38 |
| 3 | ·320 | ·244 | 81·2 | 78·7 | 88·3 | 75·8 | 12·5 | 152·7 | 64·4 | 75·1 | 0·7 | NNE | NNE | SSW | NW | 65 |
| 4 | ·310 | ·241 | 81·7 | 85·6 | 88·3 | 74·5 | 13·8 | 155·7 | 67·4 | 74·1 | 0·4 | Calm | WSW | WSW | Calm | 69 |
| 5 | ·392 | ·334 | 85·1 | 82·7 | 86·3 | 76·8 | 9·5 | 147·7 | 61·4 | 76·1 | 0·7 | Calm | WSW | NNE | NNE | 120 |
| 6 | ·479 | ·391 | 84·6 | 87·6 | 91·3 | 76·8 | 14·5 | 155·7 | 64·4 | 74·1 | 2·7 | NNE | NNE | ENE | Calm | 47 |
| 7 | ·493 | ·363 | 87·6 | 90·6 | 92·3 | 78·3 | 14·0 | 155·7 | 63·4 | 75·1 | 3·2 | ENE | ENE | Calm | Calm | 33 |
| 8 | ·462 | ·334 | 91·6 | 93·7 | 94·8 | 78·8 | 16·0 | 160·7 | 65·9 | 75·1 | 3·7 | Calm | NNE | NNE | NNE | 27 |
| 9 | ·403 | ·264 | 90·6 | 92·5 | 94·3 | 78·8 | 15·5 | 153·7 | 59·4 | 75·1 | 3·7 | Calm | NNE | WSW | WSW | 40 |
| 10 | ·273 | ·150 | 90·6 | 93·5 | 94·3 | 76·8 | 17·5 | 155·7 | 61·4 | 73·0 | 3·8 | Calm | WSW | WSW | WSW | 57 |
| 11 | ·277 | ·141 | 89·6 | 91·6 | 95·3 | 78·8 | 16·5 | 157·7 | 62·4 | 75·1 | 3·7 | Calm | WSW | NE | Calm | 37 |
| 12 | ·300 | ·200 | 87·6 | 90·6 | 91·8 | 78·8 | 13·0 | 149·7 | 57·9 | 76·1 | 2·7 | ESE | ESE | E | NNE | 126 |
| 13 | ·340 | ·230 | 86·6 | 89·6 | 91·3 | 77·8 | 13·5 | 148·7 | 57·4 | 75·6 | 2·2 | NNE | E | WNW | WNW | 121 |
| 14 | ·284 | ·164 | 89·6 | 93·5 | 94·8 | 77·8 | 17·0 | 155·7 | 60·9 | 74·1 | 3·7 | WNW | WNW | WNW | Calm | 73 |
| 15 | ·223 | ·086 | 91·6 | 93·5 | 95·8 | 79·8 | 16·0 | 160·7 | 64·9 | 76·1 | 3·7 | WNW | WNW | NW | NW | 95 |
| 16 | ·307 | ·218 | 82·7 | 87·6 | 91·3 | 77·8 | 13·5 | 150·7 | 59·4 | 76·1 | 1·7 | NNW | NNW | NNW | NW | 164 |
| 17 | ·334 | ·297 | 84·6 | 82·7 | 87·3 | 77·8 | 9·5 | 137·7 | 50·4 | 77·1 | 0·7 | WNW | N | WNW | NW | 136 |
| 18 | ·371 | ·265 | 83·7 | 83·7 | 91·3 | 76·8 | 14·5 | 133·7 | 42·4 | 75·1 | 1·7 | NW | NNW | NNW | NNW | 50 |
| 19 | ·338 | ·268 | 82·7 | 83·7 | 85·3 | 77·8 | 7·5 | 146·2 | 60·9 | 77·1 | 0·7 | Calm | NNW | SW | Calm | 68 |
| 20 | ·318 | ·253 | 83·7 | 88·6 | 89·3 | 75·8 | 13·5 | 150·7 | 61·4 | 71·0 | 4·8 | Calm | SSE | SSE | SSE | 122 |
| 21 | ·380 | ·305 | 83·7 | 89·6 | 90·3 | 75·8 | 14·5 | 159·7 | 69·4 | 72·0 | 3·8 | SSE | SSE | NNW | NNW | 154 |
| 22 | ·413 | ·342 | 84·6 | 88·6 | 89·3 | 73·8 | 15·5 | 163·7 | 74·4 | 70·0 | 3·8 | NNW | NNW | NNW | NNW | 119 |
| 23 | ·394 | ·309 | 84·6 | 88·1 | 90·3 | 74·8 | 15·5 | 158·7 | 68·4 | 71·0 | 3·8 | NNW | NNW | Calm | NNW | 67 |
| 24 | ·346 | ·273 | 85·6 | 88·6 | 90·3 | 67·9 | 22·4 | 145·7 | 55·4 | 59·0 | 8·9 | NNW | NNW | Calm | Calm | 38 |
| 25 | ·358 | ·308 | 82·7 | 90·1 | 91·8 | 67·9 | 23·9 | 161·7 | 69·9 | 60·0 | 7·9 | NNE | Calm | N | Calm | 36 |
| 26 | ·418 | ·336 | 83·7 | 89·6 | 92·3 | 70·8 | 21·5 | 160·7 | 68·4 | 63·0 | 7·8 | Calm | Calm | Calm | N | 12 |
| 27 | ·464 | ·370 | 84·6 | 90·6 | 92·3 | 70·8 | 21·5 | 146·7 | 54·4 | 63·5 | 7·3 | Calm | NNW | Calm | Calm | 39 |
| 28 | ·434 | ·380 | 84·6 | 90·6 | 92·3 | 71·8 | 20·5 | 153·7 | 61·4 | 65·0 | 6·8 | NNW | NNW | NNW | NW | 121 |
| 29 | ·496 | ·408 | 85·6 | 91·6 | 92·3 | 72·8 | 19·5 | 145·7 | 53·4 | 66·0 | 6·8 | NW | NW | NW | NW | 104 |
| 30 | ·480 | ·400 | 85·6 | 91·6 | 93·3 | 72·8 | 20·5 | 141·7 | 48·4 | 67·0 | 5·8 | NW | NNW | NW | NNW | 129 |
| Mean | 29·371 | 29·279 | 85·6 | 88·3 | 91·1 | 75·6 | 15·6 | 152·0 | 60·9 | 71·9 | 3·7 | ... | ... | ... | ... | 79·4 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Minimum. | 10 hours. | 16 hours. | From Minimum. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P. M. |
| 1 | 81·9 | 75·0 | 76·5 | 1·041 | ·860 | ·897 | 85 | 98 | 93 | 2·81 | 8 | 10 | Pc. | P. *r.* | P. *d.* |
| 2 | 77·9 | 79·9 | 73·5 | ·899 | ·959 | ·810 | 81 | 81 | 93 | ... | 9 | 8 | Pc. | Pc. | Pc. |
| 3 | 77·9 | 77·4 | 74·5 | ·913 | ·924 | ·838 | 85 | 93 | 93 | 0·14 | 10 | 10 | P. *d.* | P. *d.* | Pk. *t.* |
| 4 | 77·9 | 78·9 | 74·5 | ·906 | ·898 | ·838 | 83 | 74 | 93 | ... | 5 | 3 | K. | K. | K. |
| 5 | 79·9 | 76·9 | 74·5 | ·952 | ·848 | ·824 | 79 | 75 | 89 | ... | 8 | 4 | Pk. | K. | K. |
| 6 | 78·9 | 79·1 | 75·5 | ·912 | ·880 | ·867 | 77 | 67 | 93 | ... | 7 | 6 | K. | K. | K. |
| 7 | 79·9 | 81·9 | 76·5 | ·918 | ·973 | ·890 | 71 | 68 | 91 | ... | 7 | 5 | K. | K. | K. |
| 8 | 80·9 | 81·9 | 77·5 | ·911 | ·931 | ·927 | 62 | 58 | 93 | ... | 7 | 3 | K. | K. | K. |
| 9 | 80·9 | 81·9 | 77·5 | ·925 | ·947 | ·927 | 65 | 62 | 93 | ... | 8 | 4 | Pk. | Pk. | K. |
| 10 | 78·9 | 80·9 | 75·5 | ·831 | ·885 | ·867 | 58 | 57 | 93 | ... | 4 | 3 | K. | K. | K. |
| 11 | 81·9 | 82·9 | 77·5 | ·987 | 1·009 | ·927 | 71 | 69 | 93 | ... | 6 | 4 | K. | K. | K. |
| 12 | 81·9 | 79·9 | 76·5 | 1·014 | ·868 | ·883 | 78 | 62 | 89 | 0·50 | 8 | 7 | Pc. *d.* | Pc. P. *r.* | Pc. P. *d.* |
| 13 | 80·9 | 81·9 | 75·5 | ·979 | ·987 | ·853 | 78 | 71 | 89 | 0·11 | 7 | 3 | K. | K. P. *d.* | K. |
| 14 | 82·9 | 82·9 | 76·5 | 1·036 | ·983 | ·897 | 75 | 63 | 93 | ... | 5 | 4 | K. | K. | K. |
| 15 | 81·7 | 82·9 | 78·5 | ·952 | ·973 | ·959 | 65 | 63 | 93 | ... | 5 | 3 | K. | K. | K. |
| 16 | 77·9 | 79·9 | 75·5 | ·892 | ·918 | ·853 | 79 | 71 | 89 | ... | 9 | 8 | Pc. | Pc. | Pc. *r. t.* |
| 17 | 78·9 | 80·9 | 76·5 | ·912 | 1·031 | ·897 | 77 | 91 | 93 | 1·09 | 8 | 10 | Pc. *d.* | Pc. P. *r.* | Pc. *t.* |
| 18 | 79·9 | 80·4 | 75·5 | ·971 | ·994 | ·867 | 83 | 85 | 93 | 0·63 | 8 | 10 | Pc. | Pc. *r.* | Pc. *d.* |
| 19 | 79·9 | 77·9 | 76·5 | ·985 | ·879 | ·897 | 87 | 75 | 93 | 0·02 | 10 | 10 | Pc. | Pc. | Pk. *t.* |
| 20 | 77·9 | 78·9 | 74·5 | ·879 | ·858 | ·838 | 75 | 64 | 93 | ... | 4 | 3 | K. | K. | K. |
| 21 | 75·9 | 76·9 | 72·5 | ·791 | ·754 | ·755 | 68 | 55 | 84 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 75·0 | 74·0 | 71·5 | ·740 | ·644 | ·742 | 62 | 48 | 88 | ... | 0 | 2 | *b.* | K. | *b.* |
| 23 | 73·0 | 70·0 | 71·5 | ·657 | ·492 | ·729 | 56 | 37 | 84 | ... | 0 | 0 | *b.* | *b.* | *b* |
| 24 | 71·0 | 71·0 | 65·5 | ·564 | ·524 | ·597 | 46 | 39 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 75·0 | 73·0 | 65 5 | ·766 | ·583 | ·597 | 69 | 41 | 87 | ... | 4 | 3 | K | K. | K. |
| 26 | 72·0 | 75·9 | 67·5 | ·629 | ·710 | ·630 | 55 | 51 | 83 | ... | 0 | 2 | *b.* | K. | *b.* |
| 27 | 72·0 | 74·0 | 68·0 | ·617 | ·617 | ·649 | 52 | 43 | 85 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 73·0 | 74·0 | 67·5 | ·657 | ·617 | ·617 | 56 | 43 | 78 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 72·0 | 74·0 | 66·5 | ·603 | ·604 | ·568 | 49 | 41 | 70 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 73·0 | 74·0 | 68·5 | ·614 | ·604 | ·640 | 53 | 41 | 79 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| Mean | 77·7 | 78·0 | 73·5 | ·849 | ·825 | ·803 | 69 | 63 | 89 | Total 5·30 | 4·90 | 4·17 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·923 | 28·953 | 28·825 | 28·889 | 28·898 | 79·4 | 86·7 | 92·6 | 83·2 | 85·5 | 93·1 | 77·1 | 16·0 | 7·6 | 162·0 | 68·9 | 75·6 | 1·5 | E | SE | Calm | E | 67·7 |
| 2 | ·877 | 29·033 | ·866 | ·929 | ·926 | 79·7 | 74·1 | 85·2 | 79·2 | 79·5 | 85·9 | 72·9 | 13·0 | 5·2 | 137·8 | 51·9 | 73·6 | 1·3 | E | W | ESE | E | 109·2 |
| 3 | ·912 | 28·953 | ·851 | ·876 | ·898 | 75·6 | 83·4 | 89·2 | 81·2 | 82·3 | 90·1 | 73·9 | 16·2 | 7·2 | 149·0 | 58·9 | 73·1 | 0·8 | E | SE | S | Calm | 79·9 |
| 4 | ·844 | ·891 | ·920 | ·929 | ·896 | 78·7 | 75·1 | 81·4 | 73·6 | 77·2 | 82·9 | 67·5 | 15·4 | 5·8 | 148·0 | 65·1 | 75·9 | 2·0 | Calm | E | SE | Calm | 69·5 |
| 5 | ·953 | 29·048 | ·976 | 29·036 | 29·003 | 72·9 | 82·7 | 88·8 | 79·2 | 80·9 | 89·7 | 71·9 | 17·8 | 7·9 | 151·0 | 61·3 | 68·6 | 3·3 | Calm | SE | E | Calm | 45·1 |
| 6 | 29·048 | ·150 | 29·078 | ·097 | ·093 | 75·1 | 87·2 | 86·2 | 77·2 | 81·4 | 89·9 | 74·4 | 15·5 | 7·0 | 156·0 | 66·1 | 72·1 | 2·3 | Calm | SE | NW | Calm | 32·2 |
| 7 | ·100 | ·162 | ·058 | ·058 | ·095 | 73·7 | 87·2 | 93·2 | 79·0 | 83·3 | 93·1 | 72·9 | 20·2 | 9·6 | 153·0 | 59·9 | 66·6 | 6·3 | Calm | Calm | Calm | Calm | 4·6 |
| 8 | ·050 | ·103 | ·005 | 28·986 | ·036 | 75·9 | 89·9 | 94·4 | 80·0 | 85·1 | 95·9 | 74·4 | 21·5 | 8·9 | 156·0 | 60·1 | 71·1 | 3·3 | Calm | Calm | Calm | Calm | 2·8 |
| 9 | 28·973 | ·012 | 28·919 | ·919 | 28·956 | 76·2 | 91·7 | 95·2 | 79·2 | 85·6 | 98·1 | 74·9 | 23·2 | 9·6 | 158·0 | 59·9 | 69·6 | 5·3 | Calm | S | Calm | Calm | 14·0 |
| 10 | ·888 | 28·913 | ·847 | ·845 | ·873 | 76·2 | 93·0 | 94·4 | 81·0 | 86·1 | 95·6 | 73·9 | 21·7 | 10·4 | 159·0 | 63·4 | 69·6 | 4·3 | Calm | Calm | NE | Calm | 34·3 |
| 11 | ·835 | ·888 | ·803 | ·840 | ·841 | 77·2 | 90·2 | 96·5 | 76·7 | 85·2 | 97·3 | 75·4 | 21·9 | 8·5 | 159·8 | 62·5 | 71·6 | 3·8 | Calm | Calm | Calm | Calm | 31·4 |
| 12 | ·856 | ·956 | ·873 | ·995 | ·920 | 71·9 | 91·2 | 97·2 | 83·2 | 85·9 | 97·9 | 69·9 | 28·0 | 10·6 | 161·0 | 63·1 | 63·2 | 6·7 | Calm | ESE | Calm | NW | 19·9 |
| 13 | ·988 | 29·093 | ·968 | ·972 | 29·005 | 73·1 | 87·0 | 96·2 | 75·1 | 82·8 | 96·6 | 68·0 | 28·6 | 10·5 | 158·0 | 61·4 | 63·5 | 4·5 | SE | N | NW | Calm | 73·1 |
| 14 | ·943 | 28·973 | ·840 | ·848 | 28·901 | 68·1 | 89·2 | 98·0 | 73·1 | 82·1 | 98·1 | 66·0 | 32·1 | 11·6 | 159·0 | 60·9 | 55·8 | 10·2 | Calm | N | WNW | Calm | 62·8 |
| 15 | ·809 | ·887 | ·777 | ·830 | ·826 | 66·6 | 92·0 | 99·2 | 74·1 | 83·0 | 100·1 | 65·0 | 35·1 | 11·8 | 161·0 | 60·9 | 56·7 | 8·3 | SSW | W | N | Calm | 39·2 |
| 16 | ·825 | ·978 | ·925 | 29·000 | ·932 | 67·0 | 92·7 | 97·2 | 83·2 | 85·0 | 98·6 | 64·0 | 34·6 | 10·0 | 159·0 | 60·4 | 57·7 | 6·3 | NNE | E | Calm | SE | 25·7 |
| 17 | ·990 | 29·062 | ·960 | ·035 | 29·012 | 75·9 | 89·4 | 96·2 | 79·0 | 85·1 | 96·3 | 72·9 | 23·4 | 11·3 | 160·0 | 63·7 | 67·6 | 5·3 | Calm | N | NE | E | 45·9 |
| 18 | 29·007 | ·009 | ·898 | 28·933 | 28·962 | 73·3 | 87·2 | 95·2 | 78·2 | 83·5 | 95·3 | 72·1 | 23·2 | 11·3 | 157·0 | 61·7 | 65·7 | 6·4 | Calm | NE | Calm | SSE | 58·4 |
| 19 | 28·911 | 28·945 | ·857 | ·899 | ·903 | 72·1 | 86·0 | 94·7 | 81·2 | 83·5 | 95·9 | 69·9 | 26·0 | 11·2 | 155·0 | 59·1 | 65·7 | 4·2 | ESE | S | SE | SSE | 69·4 |
| 20 | ·877 | ·925 | ·873 | ·911 | ·897 | 76·0 | 87·2 | 93·2 | 80·4 | 84·2 | 95·1 | 72·9 | 22·2 | 9·0 | 153·8 | 58·7 | 71·6 | 1·3 | SSE | SE | SE | SE | 122·1 |
| 21 | ·899 | 29·006 | ·915 | ·984 | ·951 | 74·1 | 82·7 | 91·0 | 75·1 | 80·7 | 92·6 | 70·9 | 21·7 | 7·1 | 150·0 | 57·4 | 67·6 | 3·3 | Calm | NE | N | SE | 83·5 |
| 22 | 29·008 | ·095 | 29·034 | 29·064 | 29·050 | 68·3 | 85·2 | 92·2 | 72·6 | 79·6 | 92·8 | 66·0 | 26·8 | 10·5 | 154·0 | 61·2 | 60·7 | 5·3 | Calm | NE | N | Calm | 71·8 |
| 23 | ·031 | ·076 | 28·998 | ·026 | ·033 | 67·1 | 86·2 | 93·4 | 70·0 | 79·2 | 94·1 | 63·0 | 31·1 | 11·0 | 155·0 | 60·9 | 55·1 | 7·9 | Calm | NW | N | Calm | 64·0 |
| 24 | 28·996 | ·040 | ·970 | 28·992 | ·000 | 64·7 | 87·4 | 96·2 | 71·6 | 80·0 | 96·9 | 64·0 | 32·9 | 10·7 | 157·5 | 60·6 | 57·0 | 7·0 | Calm | N | NW | Calm | 29·1 |
| 25 | ·981 | ·026 | ·964 | 29·006 | 28·994 | 66·4 | 88·2 | 97·2 | 73·8 | 81·4 | 98·1 | 64·0 | 34·1 | 11·1 | 158·0 | 59·9 | 57·7 | 6·3 | Calm | W | W | Calm | 65·5 |
| 26 | ·993 | ·056 | ·987 | ·034 | 29·017 | 67·1 | 89·7 | 96·2 | 75·1 | 82·0 | 97·9 | 64·5 | 33·4 | 11·0 | 156·0 | 58·1 | 57·7 | 6·8 | Calm | W | SW | Calm | 61·1 |
| 27 | 29·022 | ·102 | 29·040 | ·050 | ·054 | 68·4 | 88·2 | 95·7 | 75·1 | 81·8 | 96·7 | 65·0 | 31·7 | 11·1 | 154·0 | 57·3 | 58·7 | 6·3 | Calm | W | W | Calm | 54·1 |
| 28 | ·011 | ·084 | ·014 | ·052 | ·042 | 68·6 | 90·2 | 95·2 | 76·2 | 82·6 | 97·1 | 66·0 | 31·1 | 10·9 | 156·0 | 58·9 | 59·2 | 6·8 | Calm | S | W | Calm | 48·6 |
| 29 | ·027 | ·097 | ·029 | ·068 | ·055 | 71·1 | 90·2 | 96·4 | 75·3 | 83·2 | 96·9 | 68·5 | 28·4 | 9·2 | 156·0 | 59·1 | 61·7 | 6·8 | Calm | SW | Calm | Calm | 34·0 |
| 30 | ·036 | ·081 | 28·996 | ·086 | ·050 | 69·1 | 89·8 | 95·2 | 77·2 | 82·8 | 97·1 | 66·0 | 31·1 | 10·6 | 155·0 | 57·9 | 60·7 | 5·3 | Calm | SW | W | Calm | 43·8 |
| Mean | 28·954 | 29·020 | 28·936 | 28·973 | 28·971 | 72·3 | 87·4 | 93·8 | 77·3 | 82·7 | 94·9 | 69·6 | 25·3 | Total 288·2 | 155·5 | 60·6 | 65·0 | 5·0 | ... | ... | ... | ... | 52·1 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 78·3 | 80·3 | 81·8 | 79·3 | 79·9 | 74·8 | ·962 | ·948 | ·941 | ·949 | ·950 | ·833 | 98 | 74 | 61 | 83 | 79 | 90 | ... | 3 | 3 | 3 | 0 | Cs. *c. lr.* | Cs. *c.* | *b.* |
| 2 | 78·3 | 72·2 | 78·3 | 77·3 | 76·5 | 69·9 | ·951 | ·766 | ·877 | ·912 | ·876 | ·693 | 93 | 90 | 72 | 91 | 86 | 86 | 0·20 | 7 | 10 | 3 | 0 | Pk. *c.* | Pc. *o.r.* | *b.* |
| 3 | 75·0 | 78·1 | 79·1 | 78·3 | 77·6 | 71·6 | ·862 | ·892 | ·859 | ·931 | ·886 | ·745 | 98 | 79 | 63 | 87 | 82 | 89 | ... | 0 | 2 | 6 | 2 | *b.* | Pk.Pc. *c.* | Ck. *c.* |
| 4 | 76·8 | 69·2 | 72·9 | 72·2 | 72·8 | 66·2 | ·897 | ·636 | ·696 | ·773 | ·750 | ·628 | 91 | 72 | 65 | 93 | 80 | 93 | 0·86 | 2 | 8 | 0 | 0 | Ck. *b. r.* | Pk. *o.b.* | *b.* |
| 5 | 70·2 | 75·2 | 78·3 | 76·8 | 75·1 | 69·9 | ·704 | ·774 | ·828 | ·890 | ·799 | ·706 | 88 | 69 | 61 | 89 | 77 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 74·0 | 80·3 | 78·3 | 76·0 | 77·2 | 72·8 | ·827 | ·943 | ·863 | ·883 | ·879 | ·786 | 95 | 72 | 68 | 95 | 83 | 93 | 0·12 | 0 | 0 | 0 | 0 | *b.* | 8 | *b.* |
| 7 | 73·0 | 77·8 | 79·3 | 76·8 | 76·7 | 72·3 | ·804 | ·827 | ·814 | ·893 | ·834 | ·787 | 97 | 64 | 52 | 90 | 76 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 74·4 | 80·3 | 80·1 | 78·1 | 78·2 | 73·6 | ·832 | ·906 | ·835 | ·938 | ·878 | ·819 | 93 | 65 | 52 | 91 | 75 | 96 | ... | 0 | 0 | 0 | 0 | *b.* | 8 | 8 |
| 9 | 74·2 | 79·3 | 78·3 | 76·3 | 77·0 | 73·3 | ·820 | ·834 | ·741 | ·869 | ·816 | ·800 | 91 | 56 | 44 | 87 | 70 | 93 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* 8 | *b.* |
| 10 | 74·2 | 79·3 | 76·8 | 74·2 | 76·1 | 72·8 | ·820 | ·817 | ·685 | ·755 | ·769 | ·793 | 91 | 53 | 43 | 71 | 64 | 95 | ... | 0 | 0 | 0 | 5 | *b.* | *b.* 8 | Pc. 8 |
| 11 | 71·2 | 74·2 | 76·3 | 72·2 | 73·5 | 68·4 | ·684 | ·631 | ·635 | ·731 | ·670 | ·602 | 73 | 44 | 37 | 79 | 58 | 68 | ... | 10 | 2 | 0 | 0 | Pc. *o.* | Pk. 8 | *b.* |
| 12 | 69·2 | 74·2 | 74·2 | 66·4 | 71·0 | 67·9 | ·679 | ·618 | ·537 | ·425 | ·565 | ·658 | 86 | 42 | 30 | 36 | 48 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 64·7 | 72·2 | 74·7 | 69·2 | 70·2 | 64·2 | ·500 | ·619 | ·566 | ·636 | ·580 | ·551 | 61 | 45 | 33 | 72 | 53 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 64·2 | 72·7 | 73·0 | 68·2 | 69·5 | 63·8 | ·550 | ·583 | ·476 | ·626 | ·559 | ·564 | 79 | 43 | 26 | 76 | 56 | 89 | ... | 1 | 0 | 0 | 0 | Cs. *b.* | *b.* | *b.* |
| 15 | 63·2 | 72·2 | 72·7 | 68·2 | 69·1 | 63·2 | ·536 | ·525 | ·448 | ·612 | ·530 | ·557 | 81 | 34 | 24 | 72 | 53 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 63·4 | 73·4 | 75·7 | 73·7 | 71·5 | 62·0 | ·539 | ·564 | ·599 | ·705 | ·602 | ·531 | 79 | 36 | 34 | 62 | 53 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* 8 | *b.* 8 |
| 17 | 73·7 | 79·3 | 78·3 | 74·2 | 76·4 | 71·8 | ·803 | ·866 | ·727 | ·783 | ·795 | ·766 | 91 | 63 | 42 | 78 | 69 | 95 | ... | 0 | 0 | 1 | 0 | *b.* | *b.* | *b.* |
| 18 | 71·7 | 78·3 | 79·6 | 72·7 | 75·6 | 71·1 | ·757 | ·849 | ·801 | ·731 | ·784 | ·750 | 93 | 65 | 49 | 76 | 71 | 95 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 69·2 | 74·4 | 78·3 | 74·2 | 74·0 | 68·4 | ·676 | ·696 | ·748 | ·753 | ·718 | ·676 | 85 | 56 | 45 | 71 | 64 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 71·3 | 74 8 | 73·2 | 70·2 | 72·4 | 70·4 | ·705 | ·696 | ·549 | ·603 | ·638 | ·711 | 78 | 54 | 35 | 58 | 56 | 88 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* 8 | 8 |
| 21 | 69·2 | 67·7 | 75·2 | 67·8 | 70·0 | 66·6 | ·649 | ·478 | ·662 | ·583 | ·593 | ·597 | 76 | 43 | 45 | 68 | 58 | 79 | ... | 0 | 6 | 0 | 6 | *b.* | Pc. 8 | Pc. *b. lr.* |
| 22 | 63·0 | 70·2 | 71·7 | 65·7 | 67·7 | 61·5 | ·506 | ·538 | ·502 | ·542 | ·522 | ·487 | 73 | 44 | 33 | 67 | 54 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 62·2 | 69·2 | 70·2 | 64·4 | 66·5 | 61·0 | ·496 | ·487 | ·428 | ·531 | ·485 | ·511 | 74 | 39 | 27 | 73 | 53 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 62·2 | 70·7 | 71·2 | 65·2 | 67·3 | 61·2 | ·528 | ·528 | ·429 | ·538 | ·506 | ·504 | 86 | 41 | 25 | 69 | 55 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 62·2 | 69·2 | 72·4 | 66·2 | 67·5 | 61·5 | ·505 | ·460 | ·463 | ·543 | ·493 | ·514 | 78 | 34 | 26 | 65 | 51 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 62·2 | 72·7 | 73·2 | 65·7 | 68·4 | 62·0 | ·496 | ·576 | ·509 | ·508 | ·522 | ·524 | 74 | 41 | 29 | 58 | 50 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 64·0 | 73·2 | 74·2 | 66·7 | 69·5 | 63·0 | ·538 | ·617 | ·557 | ·544 | ·564 | ·550 | 77 | 46 | 33 | 62 | 55 | 89 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 28 | 65·2 | 73·7 | 76·3 | 71·2 | 71·6 | 64·0 | ·578 | ·610 | ·652 | ·698 | ·635 | ·571 | 82 | 43 | 39 | 77 | 60 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 67·2 | 73·2 | 76·0 | 70·2 | 71·6 | 66·4 | ·616 | ·590 | ·623 | ·672 | ·625 | ·620 | 80 | 41 | 36 | 77 | 58 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 66·2 | 74·2 | 75·2 | 71·2 | 71·7 | 64·8 | ·606 | ·636 | ·605 | ·684 | ·633 | ·598 | 85 | 45 | 36 | 73 | 60 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| Mean. | 69·1 | 74·4 | 75·8 | 71·6 | 72·7 | 67·3 | ·681 | ·684 | ·655 | ·708 | ·682 | ·648 | 84 | 53 | 42 | 75 | 64 | 89 | Total 1·18 | 0·77 | 1·03 | 0·43 | 0·43 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·723 | 28·573 | 82·2 | 86·1 | 89·2 | 74·7 | 14·5 | 153·9 | 64·7 | 71·7 | 3·0 | SSW | SSW | SW | SSW | ,115 |
| 2 | ·739 | ·621 | 78·2 | 77·4 | 84·4 | 73·3 | 11·1 | 149·7 | 65·3 | 71·7 | 1·6 | W | NW | S | S | ,110 |
| 3 | ·724 | ·609 | 81·7 | 79·6 | 87·8 | 75·4 | 12·4 | 156·4 | 68·6 | 72·8 | 2·6 | SW | SW | SW | NW | ,186 |
| 4 | ·715 | ·603 | 81·1 | 86·3 | 87·7 | 74·6 | 13·1 | 154·0 | 66·3 | 72·7 | 1·9 | SW | W | WSW | Calm | ,159 |
| 5 | ·750 | ·674 | 80·0 | 78·2 | 86·8 | 74·6 | 12·2 | 150·4 | 63·6 | 71·7 | 2·9 | ENE | NW | NNE | N | ,118 |
| 6 | ·777 | ·705 | 83·0 | 77·8 | 88·2 | 74·2 | 14·0 | 155·6 | 67·4 | 70·7 | 3·5 | NNW | NNE | N | ESE | ,95 |
| 7 | ·811 | ·666 | 82·4 | 89·2 | 89·7 | 74·8 | 14·9 | 151·0 | 61·3 | 70·2 | 4·6 | NNE | ENE | ENE | NNW | ,87 |
| 8 | ·793 | ·641 | 85·9 | 88·2 | 90·2 | 75·0 | 15·2 | 157·0 | 66·8 | 69·6 | 5·4 | NNW | NE | NE | NW | ,98 |
| 9 | ·742 | ·577 | 86·8 | 90·7 | 92·1 | 75·1 | 17·0 | 162·4 | 70·3 | 70·2 | 4·9 | NNW | ENE | NNE | ENE | ,103 |
| 10 | ·626 | ·496 | 83·7 | 77·2 | 90·3 | 75·1 | 15·2 | 154·6 | 64·3 | 71·9 | 3·2 | WNW | N | N | W | ,126 |
| 11 | ·545 | ·438 | 80·0 | 80·2 | 87·8 | 73·7 | 14·1 | 155·5 | 67·7 | 71·5 | 2·2 | SW | NW | WNW | S | ,174 |
| 12 | ·568 | ·458 | 79·2 | 76·2 | 86·7 | 75·1 | 11·6 | 155·4 | 68·7 | 72·9 | 2·2 | WSW | SW | W | WNW | ,211 |
| 13 | ·596 | ·513 | 78·0 | 75·2 | 85·7 | 74·0 | 11·7 | 155·0 | 69·3 | 72·2 | 1·8 | WSW | WSW | W | SSW | ,208 |
| 14 | ·576 | ·492 | 77·6 | 79·0 | 82·4 | 73·9 | 8·5 | 140·7 | 58·3 | 72·5 | 1·4 | SW | WSW | WSW | WSW | ,252 |
| 15 | ·583 | ·472 | 77·3 | 79·4 | 82·1 | 72·6 | 9·5 | 136·4 | 54·3 | 70·7 | 1·9 | SW | SW | SW | SW | ,292 |
| 16 | ·665 | ·574 | 76·2 | 77·7 | 80·2 | 72·0 | 8·2 | 125·1 | 44·9 | 69·6 | 2·4 | WSW | WSW | WSW | WSW | ,249 |
| 17 | ·738 | ·673 | 79·2 | 80·6 | 83·5 | 71·8 | 11·7 | 131·7 | 48·2 | 68·6 | 3·2 | SW | W | W | W | ,247 |
| 18 | ·788 | ·651 | 80·1 | 86·2 | 88·7 | 72·5 | 16·2 | 151·9 | 63·2 | 67·8 | 4·7 | W | W | WSW | W | ,194 |
| 19 | ·756 | ·642 | 82·8 | 86·4 | 89·0 | 72·6 | 16·4 | 130·7 | 41·7 | 67·8 | 4·8 | W | WNW | W | WNW | ,206 |
| 20 | ·756 | ·657 | 80·6 | 86·2 | 88·2 | 70·3 | 17·9 | 148·9 | 60·7 | 62·6 | 7·7 | WNW | NW | W | WNW | ,174 |
| 21 | ·773 | ·675 | 82·7 | 86·0 | 88·4 | 71·1 | 17·3 | 147·4 | 59·0 | 64·8 | 6·3 | WNW | NW | WNW | NNW | ,150 |
| 22 | ·805 | ·704 | 82·0 | 85·9 | 87·9 | 70·1 | 17·8 | 149·1 | 61·2 | 63·5 | 6·6 | NW | NNW | NW | NW | ,142 |
| 23 | ·801 | ·683 | 83·1 | 87·1 | 89·2 | 70·4 | 18·8 | 154·1 | 64·9 | 60·3 | 10·1 | NW | NW | NW | NW | ,186 |
| 24 | ·801 | ·710 | 83·3 | 86·0 | 89·5 | 70·1 | 19·4 | 149·5 | 60·0 | 60·0 | 10·1 | NW | WNW | N | WNW | ,84 |
| 25 | ·814 | ·699 | 84·7 | 87·7 | 92·2 | 72·0 | 20·2 | 154·7 | 62·5 | 63·8 | 8·2 | WNW | NW | N | NW | ,143 |
| 26 | ·825 | ·718 | 85·2 | 86·7 | 91·3 | 72·1 | 19·2 | 153·7 | 62·4 | 63·6 | 8·5 | NW | NNW | NW | NW | ,136 |
| 27 | ·881 | ·767 | 85·4 | 88·8 | 91·2 | 69·7 | 21·5 | 157·4 | 66·2 | 60·1 | 9·6 | NW | NNW | NW | N | ,139 |
| 28 | ·894 | ·765 | 86·7 | 89·0 | 91·2 | 69·2 | 22·0 | 159·9 | 68·7 | 56·8 | 12·4 | NNW | NNW | NNE | NE | ,78 |
| 29 | ·895 | ·781 | 85·4 | 87·2 | 90·6 | 70·3 | 20·3 | 159·5 | 68·9 | 60·0 | 10·3 | NW | NNW | N | NNW | ,90 |
| 30 | ·907 | ·779 | 84·2 | 89·2 | 90·6 | 70·1 | 20·5 | 155·9 | 65·3 | 59·3 | 10·8 | NNW | NW | NNW | N | ,110 |
| Mean | 28·746 | 28·634 | 82·0 | 83·7 | 88·1 | 72·7 | 15·4 | 150·6 | 62·5 | 67·4 | 5·3 | ... | ... | ... | ... | 455·4 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 78·0 | 79·9 | 73·6 | ·907 | ·946 | ·815 | 82 | 75 | 95 | 0·27 | 5 | 8 | K. Pk. *c.* | C. Pc. K. Pk. *c t. d.* | C. Pc. K. Pk. *c. d. t.* |
| 2 | 75·7 | 74·9 | 71·7 | ·858 | ·835 | ·758 | 89 | 89 | 93 | 1·02 | 10 | 10 | Pc. Pk. *o. t.* < | Pc. Pk. *o.* | P. Pk. *o. d.* |
| 3 | 77·7 | 75·9 | 73·8 | ·901 | ·849 | ·815 | 83 | 84 | 93 | 1·44 | 9 | 10 | Pc. K. Fk. *c.* | P. Pk. *o. r.* | P. Pk. *o. r.* |
| 4 | 76·1 | 78·1 | 72·8 | ·836 | ·859 | ·785 | 79 | 69 | 92 | 0·07 | 9 | 9 | Pc. Pk. *c.* | Pc. K. Pk. *c.* | Pc. K. Pk. *c.* |
| 5 | 76·5 | 75·4 | 73·1 | ·870 | ·849 | ·797 | 85 | 88 | 93 | 0·14 | 8 | 9 | Pc. K. *c.* | Pc. Pk. *c. t. d.* | C. Pc. Pk. *o.* |
| 6 | 77·9 | 76·4 | 72·0 | ·893 | ·895 | ·758 | 79 | 93 | 89 | 0·08 | 7 | 10 | C. Pc. K. *c.* | P. Pk. *o. t. d.* | P. Pc. *o. t. d.* |
| 7 | 77·8 | 78·9 | 73·6 | ·896 | ·860 | ·814 | 81 | 62 | 94 | ... | 8 | 4 | K. Fk. *c.* | K. Fk. *c.* | K. Fk. *c.* |
| 8 | 78·4 | 78·7 | 73·6 | ·879 | ·850 | ·812 | 71 | 65 | 93 | 0·09 | 8 | 9 | K. Fk. *c.* | Pc. K. Fk. *c.* | Pc. Pk. *c.* |
| 9 | 78·7 | 77·3 | 73·7 | ·881 | ·769 | ·814 | 69 | 54 | 93 | ... | 8 | 9 | K. Fk. *c. t.* < | Pc. K. Pk. *c.* | Pc. K. Pk. *o. t.* |
| 10 | 78·7 | 75·1 | 72·8 | ·919 | ·844 | ·779 | 80 | 91 | 89 | 0·28 | 9 | 10 | C. K. Fk. *c. t.* < | Pc. Pk. *o. t.* < | Pk. *o. t.* < |
| 11 | 75·5 | 78·4 | 71·5 | ·827 | ·951 | ·745 | 81 | 92 | 89 | 1·69 | 9 | 10 | Pc. K. *c.* | P. Pk. *o. t.* < | P. Pk. *o.* |
| 12 | 77·4 | 75·0 | 73·2 | ·918 | ·854 | ·795 | 92 | 94 | 91 | 0·76 | 10 | 10 | P. Pc. *o. d.* | P. Pk. *o. r.* | P. Pk. *o. d.* |
| 13 | 76·4 | 74·9 | 72·2 | ·891 | ·866 | ·769 | 93 | 99 | 91 | 0·65 | 10 | 10 | P. Pc. *o.* | P. *o. r.* | P. *o. r.* |
| 14 | 76·5 | 75·9 | 72·7 | ·904 | ·857 | ·790 | 95 | 87 | 94 | 0·13 | 10 | 10 | P. *o. d.* | Pc. Pk. *o.* | Pc. *o* |
| 15 | 74·3 | 74·8 | 70·1 | ·811 | ·806 | ·706 | 86 | 81 | 88 | 0·03 | 10 | 10 | P. Pc. *o.* | Pc. *o.* | C. Pc. *c. g.* |
| 16 | 72·7 | 73·4 | 69·2 | ·761 | ·771 | ·681 | 84 | 81 | 87 | ... | 10 | 10 | P. Pc. *o.* | P. Pc. *o.* | P. Pc. *o.* |
| 17 | 74·7 | 75·2 | 68·7 | ·804 | ·807 | ·664 | 81 | 77 | 86 | ... | 10 | 10 | P. Pc. *o.* | P. Pc. *o.* | Pc. *c.* |
| 18 | 74·1 | 77·9 | 69·6 | ·765 | ·853 | ·685 | 75 | 68 | 86 | ... | 10 | 8 | Pc. *o.* | Pc. K. *c.* | Pc. K. *c.* |
| 19 | 75·3 | 77·1 | 69·7 | ·784 | ·816 | ·689 | 70 | 64 | 86 | ... | 4 | 6 | C. Pc. *c.* | Pc. Pk. *c.* | C. Pc. Pk. *c.* |
| 20 | 73·5 | 74·9 | 68·6 | ·739 | ·725 | ·688 | 71 | 58 | 91 | ... | 4 | 4 | Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 21 | 72·9 | 73·9 | 67·8 | ·688 | ·686 | ·641 | 61 | 55 | 84 | ... | 1 | 4 | C. *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 22 | 70·7 | 72·4 | 66·3 | ·611 | ·636 | ·601 | 56 | 50 | 82 | ... | 0 | 3 | *b.* | C. K. *c.* | C. K. *c.* |
| 23 | 74·9 | 72·5 | 68·1 | ·765 | ·617 | ·658 | 67 | 48 | 89 | ... | 2 | 3 | Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 24 | 71·9 | 71·9 | 68·0 | ·639 | ·606 | ·661 | 56 | 49 | 90 | ... | 3 | 8 | C. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 25 | 75·4 | 75·9 | 69·0 | ·765 | ·748 | ·673 | 64 | 57 | 86 | ... | 3 | 4 | C. *c.* | Pc. *c.* | Pc. *c.* |
| 26 | 73·4 | 73·4 | 68·0 | ·679 | ·660 | ·636 | 56 | 52 | 81 | ... | 0 | 4 | *b.* | Pc. Pk. *c.* | Pc. Pk. *c.* |
| 27 | 74·0 | 76·3 | 66·8 | ·696 | ·511 | ·621 | 57 | 37 | 85 | ... | 0 | 3 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 28 | 70·4 | 71·9 | 65·0 | ·544 | ·569 | ·566 | 43 | 42 | 79 | ... | 0 | 2 | *b.* | K. *c.* | Pc. K. *c.* |
| 29 | 73·4 | 71·4 | 66·3 | ·673 | ·573 | ·598 | 55 | 44 | 80 | ... | 3 | 7 | C. Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 30 | 72·0 | 70·4 | 65·8 | ·632 | ·512 | ·584 | 53 | 37 | 79 | ... | 0 | 3 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| Mean. | 75·2 | 75·1 | 70·2 | ·791 | ·766 | ·713 | 73 | 68 | 88 | Total 6·65 | 6·00 | 7·23 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | Direction. 6 hours. | 10 hours. | 16 hours. | 22 hours. | Velocity. Total miles. |
| 1 | 29·742 | 29·781 | 29·685 | 29·784 | 29·743 | 76·0 | 78·4 | 78·3 | 78·2 | 77·9 | 79·5 | 75·0 | 4·5 | 0 | 117·0 | 37·5 | 72·0 | 3·0 | SW | SSW | WNW | W | 187 |
| 2 | ·766 | ·816 | ·747 | ·826 | ·785 | 76·6 | 80·5 | 80·6 | 75·8 | 78·8 | 82·3 | 75·0 | 7·3 | 0·3 | 132·4 | 50·1 | 74·0 | 1·0 | WSW | W | W | WNW | 273 |
| 3 | ·776 | ·813 | ·734 | ·787 | ·773 | 78·3 | 78·4 | 81·2 | 77·3 | 79·4 | 83·8 | 75·4 | 8·4 | 1·2 | 142·8 | 59·0 | 73·8 | 1·6 | W | WNW | W | SW | 352 |
| 4 | ·742 | ·787 | ·717 | ·777 | ·750 | 77·8 | 81·6 | 82·3 | 79·3 | 80·9 | 84·6 | 76·6 | 8·0 | 4·2 | 141·5 | 56·9 | 73·8 | 2·8 | WNW | W | W | WNW | 291 |
| 5 | ·751 | ·829 | ·736 | ·834 | ·783 | 77·4 | 80·3 | 82·5 | 79·7 | 80·7 | 84·2 | 76·5 | 7·7 | 4·4 | 146·1 | 61·9 | 72·0 | 4·5 | W | SSE | WNW | WNW | 184 |
| 6 | ·826 | ·869 | ·758 | ·837 | ·812 | 76·5 | 80·9 | 83·3 | 79·5 | 80·8 | 84·6 | 76·4 | 8·2 | 4·3 | 144·6 | 60·0 | 72·3 | 4·1 | E | E | WNW | WNW | 221 |
| 7 | ·806 | ·849 | ·741 | ·818 | ·795 | 76·7 | 80·0 | 81·6 | 78·6 | 79·9 | 84·1 | 76·5 | 7·6 | 1·3 | 154·0 | 69·9 | 74·5 | 2·0 | NNE | N | WNW | WNW | 225 |
| 8 | ·797 | ·834 | ·702 | ·777 | ·767 | 78·3 | 82·0 | 83·9 | 80·4 | 81·9 | 86·7 | 76·9 | 9·8 | 6·3 | 141·5 | 54·8 | 74·3 | 2·6 | ESE | SSW | NW | N | 214 |
| 9 | ·735 | ·785 | ·661 | ·716 | ·720 | 78·3 | 78·8 | 79·2 | 77·1 | 78·4 | 81·2 | 76·0 | 5·2 | 0 | 116·1 | 34·9 | 75·1 | 0·9 | WNW | WNW | NW | NNW | 466 |
| 10 | ·681 | ·706 | ·625 | ·709 | ·671 | 77·0 | 76·1 | 77·5 | 77·8 | 77·2 | 78·8 | 74·8 | 4·0 | 0 | 98·0 | 19·2 | 74·0 | 0·8 | NW | W | NW | WNW | 421 |
| 11 | ·654 | ·704 | ·614 | ·698 | ·659 | 77·1 | 75·5 | 79·3 | 78·3 | 77·9 | 80·3 | 74·7 | 5·6 | 0 | 109·3 | 29·0 | 74·2 | 0·5 | WNW | NW | W | WNW | 336 |
| 12 | ·689 | ·750 | ·664 | ·751 | ·708 | 77·9 | 81·5 | 82·3 | 79·0 | 80·7 | 83·6 | 74·4 | 9·2 | 8·7 | 141·9 | 58·3 | 73·7 | 0·7 | WNW | WNW | WNW | W | 298 |
| 13 | ·765 | ·804 | ·717 | ·794 | ·762 | 77·5 | 81·6 | 82·6 | 79·4 | 80·8 | 84·3 | 75·3 | 9·0 | 8·4 | 142·0 | 57·7 | 73·6 | 1·7 | W | W | W | W | 212 |
| 14 | ·750 | ·802 | ·695 | ·757 | ·744 | 77·6 | 81·4 | 82·1 | 79·1 | 80·6 | 85·1 | 76·6 | 8·5 | 3·7 | 140·0 | 54·9 | 71·5 | 5·1 | WSW | WSW | W | W | 300 |
| 15 | ·692 | ·751 | ·670 | ·743 | ·709 | 77·7 | 81·1 | 81·7 | 79·1 | 80·4 | 85·2 | 77·0 | 8·2 | 0·9 | 138·6 | 53·4 | 71·7 | 5·3 | W | W | W | W | 363 |
| 16 | ·727 | ·824 | ·756 | ·824 | ·778 | 78·1 | 82·4 | 82·6 | 79·8 | 81·3 | 85·5 | 76·4 | 9·1 | 5·0 | 141·7 | 56·2 | 72·2 | 4·2 | WSW | WSW | W | W | 297 |
| 17 | ·823 | ·892 | ·831 | ·896 | ·855 | 77·5 | 81·2 | 82·4 | 78·6 | 80·5 | 85·3 | 76·0 | 9·3 | 4·1 | 141·3 | 56·0 | 71·3 | 4·7 | WSW | WSW | W | W | 270 |
| 18 | ·853 | ·910 | ·817 | ·881 | ·860 | 77·2 | 81·4 | 82·5 | 78·5 | 80·4 | 85·4 | 76·0 | 9·4 | 5·0 | 147·8 | 62·4 | 70·4 | 5·6 | WSW | WSW | WNW | WNW | 240 |
| 19 | ·838 | ·883 | ·799 | ·849 | ·835 | 77·7 | 81·7 | 81·4 | 79·4 | 80·8 | 84·5 | 76·5 | 8·0 | 4·6 | 144·6 | 60·1 | 72·6 | 3·9 | WNW | WNW | WNW | WNW | 275 |
| 20 | ·813 | ·855 | ·778 | ·829 | ·813 | 77·7 | 81·4 | 83·1 | 75·9 | 80·1 | 84·3 | 76·6 | 7·7 | 8·8 | 145·0 | 60·7 | 71·1 | 5·5 | WNW | NW | W | W | 161 |
| 21 | ·805 | ·880 | ·769 | ·855 | ·818 | 75·4 | 76·2 | 81·4 | 75·5 | 77·8 | 83·2 | 74·6 | 8·6 | 2·5 | 140·3 | 57·1 | 72·0 | 2·6 | NW | SSW | S | WSW | 145 |
| 22 | ·819 | ·893 | ·801 | ·864 | ·839 | 73·4 | 77·9 | 79·5 | 76·1 | 77·2 | 80·7 | 73·4 | 7·3 | 0·6 | 132·6 | 51·9 | 71·3 | 2·1 | S | ENE | NW | NW | 135 |
| 23 | ·853 | ·895 | ·800 | ·880 | ·847 | 75·7 | 81·2 | 82·2 | 78·1 | 77·9 | 84·3 | 74·1 | 10·2 | 8·8 | 140·2 | 55·9 | 71·6 | 2·5 | E | ESE | WNW | NW | 210 |
| 24 | ·853 | ·907 | ·819 | ·890 | ·859 | 75·7 | 81·2 | 82·3 | 78·9 | 80·3 | 83·9 | 75·0 | 8·9 | 10·6 | 142·2 | 58·3 | 69·6 | 5·4 | NNE | ENE | NW | NW | 211 |
| 25 | ·871 | ·917 | ·826 | ·873 | ·865 | 77·0 | 78·5 | 81·0 | 76·8 | 78·7 | 81·3 | 76·0 | 5·3 | 0·8 | 130·1 | 48·8 | 72·9 | 3·1 | NNE | NW | NW | NNE | 188 |
| 26 | ·865 | ·917 | ·830 | ·888 | ·865 | 75·4 | 79·3 | 81·6 | 76·5 | 79·0 | 83·6 | 74·0 | 9·6 | 2·1 | 147·8 | 64·2 | 69·4 | 4·6 | ENE | ENE | NW | N | 189 |
| 27 | ·907 | ·967 | ·855 | ·908 | ·901 | 76·7 | 79·1 | 80·6 | 77·7 | 78·7 | 82·1 | 74·8 | 7·3 | 2·7 | 132·2 | 50·1 | 69·7 | 5·1 | N | NE | NNW | N | 176 |
| 28 | ·913 | ·972 | ·871 | ·941 | ·915 | 76·1 | 79·4 | 78·6 | 77·8 | 78·5 | 82·0 | 75·0 | 7·0 | 0·4 | 137·4 | 55·4 | 72·6 | 2·4 | NNE | ENE | WNW | NNW | 216 |
| 29 | ·925 | ·983 | ·882 | ·946 | ·926 | 76·6 | 75·2 | 79·2 | 77·9 | 77·8 | 81·4 | 73·9 | 7·5 | 0·5 | 143·2 | 61·8 | 72·4 | 1·5 | E | WNW | NW | NNW | 180 |
| 30 | ·913 | ·972 | ·852 | ·921 | ·906 | 75·5 | 78·8 | 79·8 | 77·0 | 78·3 | 81·5 | 74·8 | 6·7 | 0·4 | 129·6 | 48·1 | 72·1 | 2·7 | NW | ENE | NNW | NW | 130 |
| Mean | 29·798 | 29·852 | 29·758 | 29·828 | 29·802 | 76·9 | 79·8 | 81·2 | 78·1 | 79·5 | 83·2 | 75·5 | 7·8 | 100·6 | 136·7 | 53·5 | 72·4 | 3·1 | ... | ... | ... | ... | 245·5 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 74·7 | 76·9 | 75·6 | 76·5 | 76·0 | 73·2 | ·844 | ·906 | ·850 | ·891 | ·872 | ·795 | 94 | 93 | 89 | 92 | 92 | 91 | 0·46 | 10 | 10 | 10 | 10 | Pk. K. *o. r.* | Pk. K. C. *o. r.* | K. *o.* |
| 2 | 75·3 | 76·6 | 77·2 | 74·4 | 76·0 | 73·9 | ·861 | ·864 | ·889 | ·833 | ·862 | ·824 | 94 | 83 | 85 | 93 | 88 | 95 | 0·39 | 10 | 10 | 10 | 10 | Pk. K. Ck. *o. r.* | Pk. K. Ck. C. *o.* | Pk. K. *o. r.* |
| 3 | 74·9 | 73·7 | 76·6 | 75·6 | 75·6 | 73·8 | ·820 | ·768 | ·855 | ·864 | ·827 | ·814 | 84 | 79 | 81 | 92 | 84 | 93 | 0·19 | 10 | 10 | 7 | 10 | Pk. K. *o. r.* | Pk. K. Ck. *o.* | Pk. K. *o. r.* |
| 4 | 74·8 | 76·9 | 77·3 | 75·5 | 76·6 | 74·1 | ·823 | ·862 | ·871 | ·833 | ·847 | ·810 | 86 | 80 | 79 | 84 | 83 | 88 | 0·14 | 7 | 7 | 7 | 10 | Pk. K. Ck. *c. r.* | Pk. K. Ck. C. *r.* | Pk. K. *o.* |
| 5 | 74·5 | 77·4 | 75·6 | 75·7 | 76·1 | 74·4 | ·816 | ·903 | ·793 | ·886 | ·837 | ·824 | 86 | 87 | 71 | 82 | 81 | 90 | 0·04 | 10 | 9 | 8 | 10 | Pk. K. *o. r.* | Pk. K. Ck. *c.* | Pk. K. *o.* |
| 6 | 74·5 | 77·0 | 77·4 | 75·5 | 76·2 | 73·8 | ·828 | ·876 | ·861 | ·830 | ·849 | ·800 | 91 | 83 | 75 | 82 | 83 | 88 | ... | 2 | 8 | 8 | 10 | K. Ck. C. | K. Ck. C. | Pk. K. *c. o.* |
| 7 | 74·7 | 76·5 | 77·5 | 77·3 | 76·8 | 73·6 | ·824 | ·867 | ·889 | ·922 | ·875 | ·790 | 91 | 85 | 82 | 94 | 88 | 86 | 0·45 | 10 | 10 | 10 | 10 | Pk. K. Ck. C. *o. r.* | Pk. K. Ck. *o.* | Pk. K. *o. r.* |
| 8 | 77·0 | 79·1 | 79·1 | 78·6 | 78·9 | 75·2 | ·912 | ·955 | ·932 | ·955 | ·939 | ·852 | 93 | 87 | 80 | 92 | 88 | 93 | 0·08 | 8 | 7 | 10 | 10 | Pk. K. Ck. C. | Pk. K. Ck. C. *o. t. g.* | Pk. K. *o. r. t.* |
| 9 | 77·0 | 76·9 | 77·4 | 75·5 | 76·7 | 74·6 | ·912 | ·899 | ·917 | ·863 | ·898 | ·838 | 93 | 91 | 92 | 93 | 92 | 93 | 2·98 | 10 | 10 | 10 | 10 | Pk. K. *o. r. t.* | Pk. K. Ck. *o. r.* | Pk. K. *o. r.* |
| 10 | 76·0 | 75·2 | 76·0 | 76·2 | 76·0 | 73·7 | ·886 | ·863 | ·879 | ·884 | ·878 | ·818 | 95 | 95 | 93 | 93 | 94 | 95 | 7·84 | 10 | 10 | 10 | 10 | Pk. *o. r. t.* | Pk. K. *o. r.* | Pk. *o. r.* |
| 11 | 75·2 | 74·7 | 76·6 | 75·9 | 75·7 | 73·4 | ·849 | ·850 | ·880 | ·865 | ·860 | ·808 | 91 | 97 | 88 | 89 | 91 | 94 | 3·68 | 10 | 10 | 10 | 10 | Pk. *o. r.* | Pk. K. *o. r.* | Pk. K. *o. r.* |
| 12 | 74·6 | 77·3 | 76·0 | 75·4 | 75·9 | 73·6 | ·814 | ·883 | ·814 | ·833 | ·836 | ·812 | 85 | 82 | 74 | 84 | 82 | 97 | ... | 10 | 3 | 4 | 2 | K. Ck. *o.* | Pk. K. Ck. C. | K. |
| 13 | 74·5 | 76·4 | 76·0 | 75·1 | 75·7 | 73·9 | ·815 | ·841 | ·810 | ·816 | ·821 | ·819 | 86 | 78 | 73 | 81 | 79 | 93 | ... | 2 | 3 | 9 | 3 | Pk. K. *c.* | Pk. K. Ck. C. | K. |
| 14 | 73·5 | 75·9 | 75·5 | 74·4 | 75·2 | 73·0 | ·772 | ·822 | ·795 | ·788 | ·794 | ·765 | 82 | 77 | 73 | 79 | 78 | 84 | ... | 2 | 8 | 6 | 1 | K. Ck. *c.* | Pk. K. Ck. | K. |
| 15 | 73·7 | 75·3 | 75·6 | 74·3 | 75·0 | 73·0 | ·778 | ·800 | ·805 | ·784 | ·792 | ·759 | 82 | 75 | 75 | 79 | 78 | 82 | ... | 1 | 10 | 8 | 0 | K. *c.* | K. Ck. C. *o.* | *b.* |
| 16 | 73·6 | 76·5 | 76·0 | 74·8 | 75·5 | 73·5 | ·769 | ·804 | ·810 | ·796 | ·794 | ·788 | 80 | 75 | 73 | 78 | 76 | 86 | 0·04 | 8 | 3 | 4 | 5 | Pk. K. Ck. *c.* | Pk. K. Ck. C. | K. *r.* |
| 17 | 73·6 | 75·8 | 75·1 | 74·1 | 75·0 | 73·1 | ·776 | ·820 | ·775 | ·783 | ·789 | ·777 | 82 | 77 | 70 | 80 | 77 | 86 | ... | 7 | 8 | 8 | 2 | Pk. K. Ck. *c.* | Pk. K. Ck. | K. |
| 18 | 74·1 | 76·0 | 75·7 | 74·9 | 75·4 | 73·2 | ·803 | ·826 | ·798 | ·814 | ·810 | ·781 | 86 | 77 | 72 | 84 | 80 | 87 | 0·06 | 3 | 10 | 6 | 8 | K. Ck. C. | K. Ck. *o.* | K Ck. *r.* |
| 19 | 73·9 | 75·3 | 75·1 | 74·6 | 75·1 | 73·8 | ·787 | ·791 | ·789 | ·793 | ·790 | ·796 | 83 | 73 | 73 | 79 | 77 | 87 | 0·01 | 4 | 4 | 6 | 7 | Pk. K. Ck. *r.* | Pk. K. Ck. C. | Pk. K. |
| 20 | 73·8 | 75·3 | 76·1 | 74·3 | 75·3 | 73·5 | ·782 | ·796 | ·807 | ·828 | ·803 | ·786 | 82 | 74 | 71 | 93 | 80 | 86 | 0·17 | 5 | 2 | 2 | 1 | K. Ck. | K. Ck. *r.* | Pk. K. *r.* |
| 21 | 73·5 | 74·2 | 76·6 | 74·0 | 74·9 | 72·9 | ·801 | ·819 | ·852 | ·821 | ·824 | ·787 | 91 | 91 | 80 | 93 | 89 | 92 | 0·80 | 10 | 10 | 5 | 10 | Pk. K. *o. r.* | Pk. K. Ck. *o.* | Pk. K. *o.* |
| 22 | 71·5 | 74·8 | 74·8 | 73·3 | 73·9 | 71·1 | ·747 | ·822 | ·800 | ·784 | ·788 | ·733 | 90 | 86 | 79 | 87 | 85 | 89 | 0·63 | 8 | 10 | 5 | 1 | Pk. K. Ck. *r.* | Pk. K. Ck. C. *o.* | K. Ck. |
| 23 | 74·1 | 76·3 | 76·0 | 73·6 | 75·2 | 72·6 | ·823 | ·841 | ·815 | ·769 | ·812 | ·782 | 93 | 78 | 74 | 80 | 82 | 93 | ... | 5 | 1 | 0 | 0 | K. Ck. | K. Ck. | K. |
| 24 | 73·6 | 76·1 | 75·5 | 74·1 | 75·0 | 73·4 | ·801 | ·833 | ·792 | ·780 | ·801 | ·803 | 91 | 78 | 72 | 79 | 80 | 93 | ... | 2 | 5 | 2 | 10 | K. Ck. | Pk. K. Ck. | Pk. K. *o.* |
| 25 | 73·7 | 74·8 | 75·3 | 73·1 | 74·1 | 73·1 | ·789 | ·813 | ·801 | ·766 | ·793 | ·777 | 85 | 84 | 75 | 83 | 81 | 86 | 0·12 | 10 | 10 | 10 | 0 | Pk. K. *o. r.* | Pk. K. *o.* | K. |
| 26 | 72·5 | 73·5 | 74·4 | 73·5 | 73·8 | 71·8 | ·760 | ·749 | ·756 | ·787 | ·763 | ·751 | 86 | 76 | 70 | 86 | 80 | 88 | ... | 6 | 10 | 9 | 1 | K. Ck. | Pk. K. Ck. *o.* | K. Ck. |
| 27 | 73·5 | 75·3 | 76·1 | 74·6 | 75·2 | 72·5 | ·784 | ·827 | ·741 | ·816 | ·792 | ·769 | 85 | 83 | 80 | 86 | 83 | 89 | 0·05 | 10 | 10 | 2 | 10 | K. Ck. *o.* | Pk. K. Ck. *o. r.* | K. Ck. *o.* |
| 28 | 72·5 | 75·5 | 74·2 | 75·3 | 74·6 | 72·2 | ·749 | ·831 | ·786 | ·844 | ·802 | ·755 | 84 | 82 | 80 | 89 | 84 | 87 | ... | 10 | 10 | 10 | 10 | K. Ck. *o.* | Pk. K. Ck. C. *o.* | K. Ck. *o.* |
| 29 | 74·8 | 73·2 | 74·8 | 74·4 | 74·3 | 71·6 | ·840 | ·791 | ·804 | ·805 | ·810 | ·745 | 93 | 90 | 80 | 84 | 87 | 89 | 0·10 | 10 | 10 | 10 | 10 | Pk. K. Ck. *o. r.* | Pk. K. Ck. *c. o.* | Pk. K. Ck. *o.* |
| 30 | 72·5 | 75·0 | 75·3 | 74·7 | 74·2 | 72·3 | ·759 | ·819 | ·817 | ·831 | ·807 | ·761 | 86 | 83 | 80 | 90 | 85 | 88 | ... | 10 | 10 | 10 | 2 | Pk. K. *o.* | Pk. K. Ck. C. *o.* | K. Ck. |
| Mean. | 74·2 | 75·8 | 76·0 | 75·0 | 75·5 | 73·3 | ·811 | ·838 | ·826 | ·827 | ·826 | ·791 | 88 | 83 | 78 | 86 | 83 | 90 | Total 18·23 | 7·33 | 7·93 | 7·20 | 6·43 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·807 | 29·663 | 29·816 | 29·755 | 87·9 | 85·2 | 78·0 | 82·1 | 91·4 | 77·1 | 14·3 | 144·1 | 52·7 | 75·9 | 1·2 | SSW | S | 69 | 89 | 158 |
| 2 | ·815 | ·727 | ·825 | ·784 | 87·9 | 86·5 | 78·8 | 82·6 | 91·7 | 77·0 | 14·7 | 147·5 | 55·8 | 75·6 | 1·4 | WSW | S | 53 | 94 | 147 |
| 3 | ·826 | ·692 | ·833 | ·777 | 88·9 | 84·5 | 74·6 | 81·4 | 92·9 | 77·5 | 15·4 | 149·8 | 56·9 | 75·6 | 1·9 | W | ESE | 67 | 66 | 133 |
| 4 | ·781 | ·667 | ·795 | ·742 | 85·8 | 85·9 | 77·8 | 81·1 | 89·9 | 74·6 | 15·2 | 140·8 | 50·9 | 74·6 | 0 | W by N | SW | 65 | 63 | 128 |
| 5 | ·776 | ·710 | ·778 | ·752 | 84·6 | 79·8 | 78·0 | 79·4 | 88·8 | 77·3 | 11·5 | 142·9 | 54·1 | 74·6 | 2·7 | WNW | S | 97 | 35 | 132 |
| 6 | ·768 | ·707 | ·812 | ·759 | 80·8 | 81·8 | 77·8 | 78·8 | 87·0 | 74·9 | 12·1 | 90·7 | 3·7 | 73·7 | 1·2 | W by N | NW by N | 44 | 25 | 69 |
| 7 | ·791 | ·706 | ·791 | ·759 | 82·4 | 77·5 | 77·9 | 78·3 | 88·1 | 75·3 | 12·8 | 146·3 | 58·2 | 74·7 | 0·6 | NW | NW | 40 | 32 | 72 |
| 8 | ·816 | ·686 | ·774 | ·752 | 85·8 | 79·8 | 78·8 | 80·2 | 90·3 | 76·2 | 14·1 | 145·5 | 55·2 | 74·9 | 1·3 | NNW | NbyW | 33 | 49 | 82 |
| 9 | ·812 | ·668 | ·733 | ·730 | 77·0 | 84·6 | 79·8 | 79·4 | 84·6 | 76·1 | 8·1 | 110·6 | 26·0 | 74·0 | 2·1 | W by S | WSW | 93 | 61 | 154 |
| 10 | ·739 | ·602 | ·696 | ·672 | 84·7 | 85·0 | 82·0 | 82·2 | 90·0 | 77·1 | 12·9 | 130·5 | 40·5 | 74·9 | 2·2 | W by S | W by S | 89 | 70 | 159 |
| 11 | ·697 | ·524 | ·656 | ·617 | 84·8 | 91·0 | 81·0 | 83·4 | 91·5 | 76·9 | 14·6 | 141·4 | 49·9 | 75·7 | 1·2 | WSW | WSW | 132 | 116 | 248 |
| 12 | ·703 | ·582 | ·733 | ·667 | 87·5 | 88·9 | 79·9 | 83·6 | 92·4 | 78·0 | 14·4 | 141·5 | 49·1 | 76·5 | 1·5 | WSW | W by S | 120 | 61 | 181 |
| 13 | ·777 | ·654 | ·780 | ·731 | 87·9 | 86·4 | 82·3 | 83·6 | 94·0 | 77·9 | 16·1 | 151·1 | 57·1 | 75·2 | 2·7 | W by S | SW by S | 88 | 69 | 157 |
| 14 | ·785 | ·638 | ·743 | ·714 | 86·6 | 93·2 | 81·7 | 84·5 | 93·6 | 76·3 | 17·3 | 145·7 | 52·1 | 74·6 | 1·7 | WSW | SW by S | 93 | 101 | 194 |
| 15 | ·773 | ·653 | ·752 | ·720 | 86·1 | 88·6 | 81·1 | 83·4 | 93·4 | 77·7 | 15·7 | 150·2 | 56·8 | 75·9 | 1·8 | WSW | W by S | 118 | 106 | 224 |
| 16 | ·819 | ·685 | ·814 | ·764 | 86·6 | 85·8 | 81·9 | 82·7 | 95·2 | 76·6 | 18·6 | 153·6 | 58·4 | 73·0 | 3·6 | SWbyW | SSE | 84 | 90 | 174 |
| 17 | ·854 | ·740 | ·866 | ·813 | 87·9 | 87·0 | 81·0 | 82·8 | 94·4 | 77·2 | 17·2 | 147·4 | 53·0 | 75·9 | 1·3 | W by S | E | 95 | 70 | 165 |
| 18 | ·870 | ·732 | ·834 | ·803 | 88·9 | 88·9 | 80·8 | 84·1 | 91·4 | 77·7 | 13·7 | 151·4 | 60·0 | 76·4 | 1·3 | SW | ESE | 87 | 52 | 139 |
| 19 | ·873 | ·724 | ·818 | ·796 | 89·5 | 90·0 | 81·1 | 84·7 | 91·3 | 78·4 | 12·9 | 150·9 | 59·6 | 76·4 | 2·0 | SW by S | SSE | 74 | 62 | 136 |
| 20 | ·836 | ·696 | ·797 | ·767 | 89·1 | 87·5 | 81·8 | 87·0 | 97·0 | 79·7 | 17·3 | 156·1 | 59·1 | 79·0 | 0·7 | SSW | SE | 58 | 63 | 121 |
| 21 | ·815 | ·724 | ·806 | ·776 | 84·6 | 81·8 | 78·8 | 81·0 | 90·6 | 78·8 | 11·8 | 149·0 | 58·4 | 76·6 | 2·2 | S by W | S by W | 47 | 60 | 107 |
| 22 | ·846 | ·732 | ·827 | ·795 | 86·2 | 88·9 | 81·3 | 83·6 | 90·4 | 77·8 | 12·6 | 126·2 | 35·8 | 77·8 | 0 | WSW | NWbyN | 58 | 31 | 89 |
| 23 | ·845 | ·749 | ·849 | ·808 | 89·5 | 79·8 | 78·8 | 81·9 | 90·7 | 79·8 | 10·9 | 146·2 | 55·5 | 78·4 | 1·4 | WSW | S by W | 78 | 55 | 133 |
| 24 | ·881 | ·750 | ·848 | ·818 | 85·8 | 76·6 | 77·8 | 79·1 | 92·4 | 76·3 | 16·1 | 148·5 | 56·1 | 74·9 | 1·4 | SWbyW | S by E | 70 | 61 | 131 |
| 25 | ·869 | ·743 | ·841 | ·810 | 87·0 | 75·8 | 75·8 | 78·6 | 90·7 | 75·8 | 14·9 | 141·5 | 50·8 | 75·8 | 0 | S | S by W | 61 | 37 | 98 |
| 26 | ·862 | ·728 | ·841 | ·801 | 87·0 | 85·9 | 77·9 | 81·0 | 90·1 | 73·3 | 16·8 | 145·0 | 54·9 | 71·8 | 1·5 | SW by S | S by W | 59 | 52 | 111 |
| 27 | ·903 | ·787 | ·909 | ·847 | 86·6 | 85·8 | 73·8 | 79·8 | 91·2 | 73·0 | 18·2 | 144·5 | 53·3 | 72·0 | 1·0 | SWbyW | S by W | 80 | 101 | 181 |
| 28 | ·913 | ·799 | ·901 | ·864 | 85·6 | 84·8 | 80·0 | 80·9 | 89·8 | 73·2 | 16·6 | 145·6 | 55·8 | 72·8 | 0·4 | WSW | SSE | 58 | 39 | 97 |
| 29 | ·945 | ·832 | ·902 | ·886 | 85·8 | 84·6 | 77·0 | 80·2 | 91·4 | 73·2 | 18·2 | 143·7 | 52·3 | 71·8 | 1·4 | W by S | S by W | 52 | 40 | 92 |
| 30 | ·931 | ·790 | ·882 | ·859 | 86·0 | 87·5 | 81·8 | 82·4 | 94·0 | 74·4 | 19·6 | 145·9 | 51·9 | 73·6 | 0·8 | SWbyW | SSE | 64 | 39 | 103 |
| Mean. | 29·824 | 29·702 | 29·808 | 29·771 | 86·2 | 85·0 | 79·6 | 81·8 | 91·3 | 76·5 | 14·8 | 142·5 | 51·1 | 75·1 | 1·4 | ... | ... | 74·2 | 63·0 | 137·2 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 77·6 | 78·8 | 75·8 | 77·1 | 75·7 | ·809 | ·899 | ·863 | ·865 | ·870 | 61 | 74 | 90 | 79 | 93 | ... | 2 | 4 | C. *b.* | C. *b. c.* |
| 2 | 78·8 | 79·5 | 75·0 | 77·2 | 74·7 | ·865 | ·915 | ·819 | ·862 | ·830 | 66 | 72 | 83 | 77 | 90 | ... | 3 | 3 | C. *b. c.* | C. *b. c.* |
| 3 | 78·6 | 78·6 | 74·0 | 76·5 | 74·4 | ·840 | ·867 | ·833 | ·848 | ·811 | 62 | 76 | 98 | 79 | 95 | 0·32 | 5 | 7·5 | K. *c.* | K. *cloudy t.* |
| 4 | 79·0 | 77·8 | 74·8 | 76·6 | 73·9 | ·844 | ·845 | ·823 | ·856 | ·828 | 73 | 68 | 86 | 80 | 97 | 0·24 | 6 | 4·5 | C. ∞ *c.* | K. *c. t.* |
| 5 | 77·4 | 77·8 | 76·9 | 76·7 | 74·1 | ·844 | ·926 | ·912 | ·884 | ·801 | 72 | 91 | 95 | 88 | 85 | 0·04 | 5 | 9 | K. *c.* | K. *cloudy t.* |
| 6 | 76·6 | 78·2 | 77·0 | 76·6 | 74·0 | ·860 | ·917 | ·918 | ·887 | ·829 | 83 | 85 | 97 | 90 | 95 | 0·06 | 10 | 8 | *o.* | K. *cloudy.* |
| 7 | 77·0 | 75·8 | 77·0 | 76·2 | 74·9 | ·856 | ·870 | ·917 | ·877 | ·861 | 77 | 93 | 95 | 90 | 98 | 2·07 | 10 | 8 | *o.* | K. *cloudy* |
| 8 | 78·8 | 77·9 | 77·8 | 77·7 | 75·9 | ·768 | ·931 | ·941 | ·917 | ·893 | 61 | 91 | 95 | 89 | 99 | 0·34 | 9 | 8·5 | K. *cloudy.* | K. *cloudy* |
| 9 | 75·2 | 77·8 | 75·9 | 75·9 | 74·1 | ·851 | ·861 | ·844 | ·849 | ·817 | 92 | 73 | 82 | 85 | 91 | 0·13 | 10 | 8·5 | *o.* | K. *cloudy.* |
| 10 | 76·2 | 77·1 | 75·1 | 75·9 | 74·9 | ·808 | ·843 | ·807 | ·804 | ·837 | 66 | 68 | 71 | 71 | 91 | ... | 9 | 6 | K. *cloudy.* | K. *cloudy.* |
| 11 | 74·8 | 78·8 | 76·8 | 76·1 | 73·4 | ·729 | ·821 | ·870 | ·803 | ·777 | 62 | 57 | 82 | 69 | 84 | ... | 5 | 4 | K. *c.* | K. *c.* |
| 12 | 76·8 | 76·9 | 75·6 | 75·5 | 72·0 | ·778 | ·764 | ·829 | ·776 | ·706 | 59 | 56 | 81 | 68 | 75 | ... | 5 | 7 | K. *c.* | K. *c.* |
| 13 | 76·6 | 76·8 | 79·8 | 76·6 | 72·1 | ·764 | ·793 | ·985 | ·822 | ·711 | 58 | 63 | 89 | 72 | 74 | ... | 6 | 7 | K. *c.* | K. *cloudy.* |
| 14 | 75·6 | 76·8 | 79·0 | 76·0 | 71·9 | ·738 | ·701 | ·956 | ·784 | ·724 | 58 | 45 | 89 | 66 | 79 | ... | 3 | 4 | K. *b. c.* | K. *b. c.* |
| 15 | 74·0 | 74·7 | 77·8 | 73·9 | 68·4 | ·673 | ·673 | ·910 | ·710 | ·572 | 55 | 50 | 86 | 62 | 60 | ... | 5 | 7 | K. *c.* | K. *cloudy.* |
| 16 | 74·8 | 78·5 | 78·8 | 75·9 | 70·3 | ·704 | ·878 | ·940 | ·810 | ·658 | 56 | 69 | 87 | 71 | 72 | ... | 3 | 4 | K. *b. c.* | C. *b. c.* |
| 17 | 76·4 | 77·8 | 75·9 | 75·2 | 69·6 | ·762 | ·826 | ·827 | ·773 | ·629 | 57 | 65 | 78 | 69 | 69 | ... | 2 | 3 | C. *b.* | C. *b. c.* |
| 18 | 77·8 | 79·8 | 77·8 | 77·4 | 73·2 | ·803 | ·896 | ·914 | ·850 | ·758 | 59 | 66 | 87 | 73 | 80 | ... | 2 | 2 | C. *b.* | C. *b.* |
| 19 | 77·8 | 79·9 | 76·8 | 77·5 | 74·5 | ·772 | ·879 | ·865 | ·786 | ·803 | 57 | 62 | 80 | 72 | 82 | ... | 2 | 4 | C. *b.* | K. *b. c.* |
| 20 | 77·0 | 81·4 | 78·8 | 78·5 | 75·8 | ·766 | ·990 | ·946 | ·858 | ·842 | 56 | 76 | 87 | 67 | 82 | ... | 5 | 4 | C. K. *c.* | K. *c.* |
| 21 | 77·0 | 77·8 | 76·0 | 76·9 | 76·7 | ·827 | ·899 | ·861 | ·871 | ·892 | 70 | 83 | 88 | 83 | 90 | 0·07 | 7 | 8 | K. *cloudy.* | K. *cloudy.* |
| 22 | 78·2 | 83·0 | 78·8 | 79·0 | 75·3 | ·846 | 1·050 | ·952 | ·932 | ·845 | 68 | 77 | 89 | 81 | 89 | ... | 8 | 7 | K. *cloudy.* | K. *cloudy.* |
| 23 | 80·8 | 77·8 | 76·9 | 78·1 | 76·9 | ·931 | ·926 | ·900 | ·914 | ·887 | 67 | 91 | 91 | 84 | 87 | 0·02 | 5 | 8·5 | K. *c.* | K. *cloudy t.* |
| 24 | 79·8 | 75·0 | 76·8 | 76·5 | 74·4 | ·937 | ·848 | ·910 | ·879 | ·827 | 76 | 93 | 95 | 89 | 91 | 0·07 | 6 | 7·5 | K. *c.* | K. *cloudy t.* |
| 25 | 79·8 | 75·0 | 74·9 | 76·2 | 75·1 | ·921 | ·859 | ·851 | ·874 | ·862 | 72 | 95 | 95 | 89 | 97 | 1·77 | 4 | 6 | K. *b. c.* | K. *c. t.* |
| 26 | 77·0 | 81·6 | 75·8 | 77·1 | 72·6 | ·794 | 1·022 | ·865 | ·886 | ·795 | 62 | 83 | 91 | 83 | 97 | ... | 2 | 4·5 | C. *b.* | K. *c. t.* |
| 27 | 79·8 | 80·9 | 71·8 | 76·4 | 72·3 | ·926 | ·990 | ·754 | ·865 | ·787 | 73 | 80 | 90 | 85 | 97 | 2·56 | 5 | 6 | K. *c.* | K. *c. t.* |
| 28 | 78·8 | 80·8 | 79·1 | 77·7 | 71·6 | ·894 | ·998 | ·983 | ·907 | ·754 | 73 | 83 | 96 | 87 | 93 | ... | 1 | 6·5 | C. *b.* | K. *c. t.* |
| 29 | 78·0 | 78·3 | 74·8 | 75·8 | 71·3 | ·855 | ·885 | ·834 | ·830 | ·739 | 69 | 74 | 88 | 80 | 90 | 0·01 | 5 | 6·5 | K. *c.* | K. *c.* |
| 30 | 79·8 | 83·0 | 79·8 | 79·3 | 73·3 | ·934 | 1·076 | ·992 | ·960 | ·808 | 75 | 82 | 91 | 87 | 95 | ... | 6 | 6 | K. *c.* | K. *c.* |
| Mean. | 77·5 | 78·5 | 76·7 | 76·7 | 73·6 | ·823 | ·888 | ·887 | ·851 | ·792 | 67 | 75 | 88 | 79 | 87 | Total 7·70 | 5·20 | 5·98 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN SEPTEMBER 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·692 | 80·7 | 78·9 | ·966 | 92 | 0·02 | 1 | 8 | 1 | 0 | 19·5 | 22 | 13 | 11 | 2 | 1 | No Interpolated values. Registers complete. |
| 1 | ·679 | 80·6 | 78·8 | ·961 | 92 | 0·08 | 1 | 14 | 2 | 0 | 21 | 17·5 | 12 | 7 | 0 | 5 | |
| 2 | ·668 | 80·3 | 78·7 | ·961 | 93 | 0·01 | 1 | 10 | 3 | 0 | 25 | 15 | 14 | 9 | 4 | 3 | |
| 3 | ·655 | 80·2 | 78·5 | ·954 | 92 | 0·06 | 2 | 10 | 4 | 0 | 20 | 20 | 7 | 7 | 0 | 5 | |
| 4 | ·655 | 80·0 | 78·3 | ·949 | 92 | *Nil.* | *Nil.* | 10 | 2 | 1 | 23 | 18 | 14 | 7 | 5 | 5 | |
| 5 | ·659 | 80·0 | 78·2 | ·946 | 92 | 0·03 | 2 | 6 | 1 | 5 | 26·5 | 17·5 | 11 | 9 | 2 | 3 | |
| 6 | ·672 | 79·9 | 78·2 | ·947 | 93 | 0·11 | 4 | 3 | 1 | 6 | 28 | 24·5 | 6 | 6 | 5 | 1 | |
| 7 | ·687 | 81·1 | 79·1 | ·969 | 91 | 0·14 | 4 | 16 | 2 | 14 | 24 | 32·5 | 9·5 | 15 | 11 | 1 | |
| 8 | ·710 | 82·3 | 79·4 | ·969 | 88 | 0·10 | 2 | 27 | 0 | 19 | 28 | 32 | 25·5 | 16 | 11 | 1 | |
| 9 | ·720 | 83·7 | 79·7 | ·964 | 83 | 0·86 | 4 | 26 | 0 | 19 | 33 | 37 | 31 | 24 | 9 | 1 | |
| 10 | ·725 | 84·2 | 79·6 | ·953 | 81 | 0·41 | 3 | 27 | 7 | 17 | 44 | 31 | 35 | 23 | 4 | 0 | |
| 11 | ·714 | 85·1 | 79·8 | ·952 | 79 | 0·06 | 2 | 18 | 8 | 16 | 31 | 42 | 33 | 23 | 9 | 0 | |
| Noon. | ·697 | 85·4 | 79·8 | ·943 | 77 | 1·60 | 5 | 22 | 13 | 8 | 41 | 57 | 22 | 27 | 9 | 0 | |
| 13 | ·666 | 85·7 | 80·0 | ·949 | 77 | 1·18 | 3 | 33 | 7 | 19 | 27 | 42 | 31 | 24 | 13 | 0 | |
| 14 | ·647 | 85·4 | 79·5 | ·929 | 77 | 2·30 | 4 | 19 | 6 | 18 | 35 | 53 | 21 | 24 | 10 | 0 | |
| 15 | ·627 | 84·9 | 79·5 | ·937 | 78 | 0·57 | 5 | 17 | 1 | 10 | 31 | 47 | 19 | 16 | 16 | 0 | |
| 16 | ·616 | 84·7 | 79·5 | ·941 | 79 | 0·05 | 3 | 14 | 3 | 11 | 33 | 32 | 23 | 14 | 12 | 0 | |
| 17 | ·616 | 84·2 | 79·6 | ·949 | 81 | 1·23 | 2 | 13 | 5 | 3 | 21 | 22 | 23 | 14 | 7 | 1 | |
| 18 | ·628 | 82·9 | 79·6 | ·967 | 86 | 0·24 | 5 | 12 | 0 | 6 | 18 | 20 | 19 | 13 | 3 | 3 | |
| 19 | ·649 | 82·0 | 79·4 | ·971 | 88 | 0·08 | 1 | 5 | 0 | 5 | 17 | 12 | 19 | 11 | 6·5 | 2 | |
| 20 | ·676 | 81·5 | 79·2 | ·968 | 90 | 0·02 | 2 | 6 | 0 | 3 | 26 | 16 | 18·5 | 8 | 4·5 | 2 | |
| 21 | ·694 | 81·2 | 79·1 | ·967 | 91 | 0·02 | 2 | 4 | 3 | 0 | 25 | 20 | 19·5 | 9 | 2 | 2 | |
| 22 | ·705 | 81·0 | 79·0 | ·970 | 91 | *Nil.* | *Nil.* | 5 | 3 | 1 | 24·5 | 22 | 17 | 9 | 2 | 1 | |
| 23 | ·700 | 80·8 | 79·0 | ·970 | 92 | 0·05 | 2 | 8 | 1 | 0 | 21·5 | 29 | 11 | 13 | 1 | 0 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN SEPTEMBER 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 19·5 | 7 | 1·5 | 4·5 | 3 | 2 | 6 | 36·5 | 6 | 10 | 4·5 | 4·5 | 3 | 5 | 28·5 | 40 | 37·5 | 0 |
| 1 to 2 | 21·5 | 6 | 2 | 5 | 3·5 | 1·5 | 4 | 35·5 | 8 | 11 | 4 | 1 | 11 | 4 | 37 | 40 | 38 | 2 |
| 2 to 3 | 21 | 6 | 1·5 | 4 | 3 | 1 | 3·5 | 36 | 8 | 14 | 4·5 | 0 | 4·5 | 8 | 33 | 43·5 | 42·5 | 0 |
| 3 to 4 | 20 | 6·5 | 1 | 4 | 3·5 | 0 | 4 | 34 | 10 | 8·5 | 2·5 | 0·5 | 0 | 3 | 53·5 | 34·5 | 49·5 | 0 |
| 4 to 5 | 14 | 4·5 | 1 | 4 | 3·5 | 0·5 | 6·5 | 35 | 9 | 9 | 0·5 | 0·5 | 0 | 1·5 | 45 | 27·5 | 57 | 0 |
| 5 to 6 | 15 | 5·5 | 1 | 2·5 | 2·5 | 2 | 3·5 | 34 | 8 | 8·5 | 0·5 | 0·5 | 0 | 6 | 36·5 | 37 | 49 | 2 |
| 6 to 7 | 24 | 7 | 2·5 | 3 | 2·5 | 5 | 4 | 40 | 6 | 9 | 2·5 | 0·5 | 0 | 9·5 | 37 | 33 | 50·5 | 0 |
| 7 to 8 | 24 | 8·5 | 6·5 | 4·5 | 5·5 | 4·5 | 6·5 | 52 | 3 | 6·5 | 17 | 2·5 | 0 | 7·5 | 42 | 46 | 84·5 | 0 |
| 8 to 9 | 30·5 | 4 | 13 | 11 | 9 | 4·5 | 10 | 55 | 2 | 7 | 15 | 2 | 6 | 2 | 47·5 | 53·5 | 116 | 0 |
| 9 to 10 | 48 | 8 | 14·5 | 10 | 7·5 | 8·5 | 16 | 41·5 | 2 | 20 | 9·5 | 2·5 | 0 | 2·5 | 46 | 58·5 | 95 | 0 |
| 10 to 11 | 68 | 13 | 3 | 7·5 | 4·5 | 16 | 8 | 28 | 3 | 28·5 | 10 | 2 | 3 | 0 | 45 | 79·5 | 71 | 0 |
| 11 to noon | 54 | 18 | 3·5 | 4·5 | 4·5 | 22·5 | 12 | 25 | 5 | 20·5 | 8·5 | 10·5 | 0 | 6 | 44·5 | 62 | 95 | 0 |
| Noon to 13 | 35 | 19·5 | 4·5 | 4 | 4 | 16 | 5 | 39 | 6 | 34·5 | 19·5 | 2·5 | 2·5 | 2·5 | 40 | 76 | 65·5 | 0 |
| 13 to 14 | 36·5 | 18 | 2 | 4·5 | 4·5 | 15·5 | 7·5 | 37·5 | 4 | 31·5 | 14·5 | 6·5 | 2 | 5 | 45·5 | 66 | 95 | 0 |
| 14 to 15 | 42·5 | 13·5 | 12·5 | 9 | 3·5 | 16·5 | 11 | 49·5 | 3 | 37 | 10·5 | 2·5 | 2·5 | 15·5 | 62·5 | 77·5 | 61 | 0 |
| 15 to 16 | 33·5 | 10·5 | 5·5 | 4 | 6 | 19·5 | 17 | 50 | 5 | 47·5 | 24 | 3·5 | 0 | 14 | 67·5 | 83 | 45·5 | 0 |
| 16 to 17 | 28 | 14·5 | 2·5 | 3·5 | 3·5 | 10 | 16 | 34 | 5 | 34 | 15·5 | 8·5 | 3 | 11 | 41·5 | 97·5 | 51 | 0 |
| 17 to 18 | 19·5 | 9 | 1 | 2 | 2 | 9 | 6·5 | 30 | 6 | 29·5 | 8 | 7 | 5 | 11·5 | 50·5 | 80·5 | 44 | 0 |
| 18 to 19 | 19 | 7·5 | 2·5 | 2·5 | 2·5 | 4 | 5 | 29 | 4 | 27 | 2 | 7 | 3 | 13·5 | 37·5 | 38 | 33 | 0 |
| 19 to 20 | 17 | 4 | 3·5 | 5·5 | 2·5 | ·1 | 3 | 29·5 | 7 | 24·5 | 3 | 5 | 5 | 20·5 | 27·5 | 40·5 | 36 | 0 |
| 20 to 21 | 18 | 4 | 1·5 | 4 | 3 | 1·5 | 4 | 22 | 7 | 17·5 | 7 | 4·5 | 4·5 | 5·5 | 21·5 | 38·5 | 39 | 1 |
| 21 to 22 | 16·5 | 6·5 | 0 | 2·5 | 2·5 | 2·5 | 3 | 37·5 | 9 | 13·5 | 3 | 3 | 1 | 14·5 | 23·5 | 37 | 45·5 | 1 |
| 22 to 23 | 20·5 | 8·5 | 0 | 3 | 3 | 2 | 1·5 | 33·5 | 9 | 10 | 14 | 3·5 | 1·5 | 25 | 33·5 | 34 | 42·5 | 0 |
| 23 to midn. | 17·5 | 6 | 0·5 | 2·5 | 2 | 3 | 3·5 | 34 | 6 | 10 | 3 | 9 | 2 | 9·5 | 35 | 44 | 45·5 | 0 |

C

OCTOBER 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·816 | 29·876 | 29·773 | 29·843 | 29·812 | 77·5 | 86·3 | 89·3 | 79·3 | 82·8 | 89·9 | 77·2 | 12·7 | 10·2 | 145·5 | 55·6 | 70·5 | 6·7 | W by S | W by S | WNW | WNW | 95 |
| 2 | ·822 | ·871 | ·736 | ·802 | ·797 | 78·0 | 86·2 | 89·3 | 78·3 | 82·7 | 90·4 | 77·2 | 13·2 | 10·2 | 145·2 | 54·8 | 70·7 | 6·5 | WSW | WNW | NW | NW | 91 |
| 3 | ·781 | ·822 | ·695 | ·762 | ·755 | 76·5 | 86·3 | 88·3 | 78·4 | 82·4 | 89·8 | 75·9 | 13·9 | 9·8 | 146·2 | 56·4 | 69·6 | 6·3 | NW | WSW | NNW | NW by W | 61 |
| 4 | ·769 | ·815 | ·705 | ·758 | ·752 | 76·2 | 86·3 | 88·8 | 80·9 | 83·2 | 89·5 | 75·9 | 13·6 | 9·6 | 147·5 | 58·0 | 70·2 | 5·7 | NW by W | ENE | NNW | NNW | 45 |
| 5 | ·758 | ·807 | ·690 | ·745 | ·743 | 77·7 | 84·5 | 87·3 | 80·8 | 82·7 | 88·3 | 77·4 | 10·9 | 0·8 | 148·9 | 60·6 | 71·9 | 5·5 | NNW | NNE | N by E | N by E | 36 |
| 6 | ·762 | ·793 | ·686 | ·785 | ·746 | 78·3 | 86·3 | 89·4 | 82·0 | 84·1 | 91·0 | 78·1 | 12·9 | 10·3 | 153·5 | 62·5 | 72·6 | 5·5 | N by E | N by W | ESE | SW by S | 58 |
| 7 | ·807 | ·866 | ·807 | ·869 | ·818 | 79·3 | 85·5 | 74·6 | 74·6 | 80·6 | 87·5 | 78·9 | 8·6 | 3·2 | 150·7 | 63·2 | 74·2 | 4·7 | SW by S | WSW | SSW | SSW | 52 |
| 8 | ·895 | ·953 | ·829 | ·926 | 887 | 75·8 | 82·3 | 87·3 | 77·5 | 80·5 | 87·8 | 74·2 | 13·6 | 7·2 | 144·7 | 56·9 | 70·7 | 3·5 | N by W | E | WSW | SSE | 39 |
| 9 | ·922 | ·981 | ·854 | ·924 | ·905 | 78·2 | 85·3 | 87·2 | 77·4 | 81·8 | 88·5 | 76·3 | 12·2 | 8·3 | 150·5 | 62·0 | 75·0 | 1·3 | SSE | SSW | SSE | E | 52 |
| 10 | ·881 | ·928 | ·803 | ·878 | ·866 | 76·9 | 84·3 | 80·8 | 77·3 | 81·1 | 87·6 | 75·9 | 11·7 | 7·7 | 148·5 | 60·9 | 71·6 | 4·3 | E | SSW | S | E | 75 |
| 11 | ·848 | ·893 | ·828 | ·876 | ·852 | 76·8 | 83·3 | 77·3 | 74·4 | 79·5 | 86·1 | 76·4 | 9·7 | 4·0 | 154·2 | 68·1 | 73·0 | 3·4 | E by S | E | S by W | SSE | 99 |
| 12 | ·856 | ·914 | ·822 | ·890 | ·855 | 74·3 | 79·3 | 76·9 | 76·1 | 77·0 | 81·5 | 73·2 | 8·3 | 0·5 | 118·6 | 37·1 | 69·3 | 3·9 | E by S | E by S | E | ESE | 113 |
| 13 | ·853 | ·911 | ·813 | ·915 | ·863 | 74·4 | 79·5 | 78·6 | 77·2 | 78·3 | 80·4 | 74·0 | 6·4 | 0·1 | 119·7 | 39·3 | 72·3 | 1·7 | E | ESE | SSE | SE | 115 |
| 14 | ·894 | ·980 | ·855 | ·951 | ·907 | 74·8 | 78·5 | 81·3 | 77·6 | 79·1 | 83·9 | 74·4 | 9·5 | 2·2 | 142·8 | 58·9 | 72·7 | 1·7 | S | S | SSW | S by E | 128 |
| 15 | ·912 | ·980 | ·855 | ·949 | ·911 | 76·7 | 82·5 | 82·1 | 76·5 | 80·3 | 86·4 | 76·0 | 10·4 | 5·9 | 148·2 | 61·8 | 73·8 | 2·2 | SSE | SSW | SW | WSW | 126 |
| 16 | ·901 | ·962 | ·833 | ·871 | ·888 | 75·0 | 80·3 | 83·4 | 76·3 | 78·9 | 84·0 | 75·0 | 9·0 | 7·6 | 145·4 | 61·4 | 70·8 | 4·2 | WSW | NW | N | N | 60 |
| 17 | ·877 | ·944 | ·831 | ·884 | ·867 | 75·7 | 81·3 | 84·2 | 75·2 | 79·2 | 84·6 | 74·5 | 10·1 | 10·5 | 146·7 | 62·1 | 69·6 | 4·9 | N | NNW | WNW | NW | 61 |
| 18 | ·863 | ·906 | ·807 | ·880 | ·857 | 73·3 | 81·8 | 83·4 | 72·3 | 77·9 | 84·7 | 73·0 | 11·7 | 10·6 | 142·7 | 58·0 | 66·9 | 6·1 | NNW | N | NW | NW | 66 |
| 19 | ·890 | ·935 | ·847 | ·944 | ·891 | 70·3 | 81·1 | 83·5 | 73·3 | 77·0 | 84·6 | 69·9 | 14·7 | 10·9 | 144·5 | 59·9 | 62·9 | 7·0 | NW | W by N | SW by W | SW by W | 59 |
| 20 | ·924 | ·985 | ·888 | ·945 | ·927 | 70·0 | 80·3 | 83·4 | 74·2 | 77·3 | 84·7 | 69·8 | 14·9 | 10·1 | 147·5 | 62·8 | 62·7 | 7·1 | SW by W | W | WSW | WSW | 51 |
| 21 | ·955 | ·993 | ·884 | ·941 | ·940 | 70·8 | 81·1 | 83·3 | 75·8 | 77·7 | 84·9 | 70·4 | 14·5 | 9·7 | 139·5 | 54·6 | 63·1 | 7·3 | WSW | NW | W by N | W by N | 47 |
| 22 | ·937 | ·974 | ·853 | ·914 | ·913 | 74·4 | 83·1 | 85·6 | 76·3 | 79·5 | 86·5 | 72·7 | 13·8 | 10·8 | 143·5 | 57·0 | 66·8 | 5·9 | WNW | N | N | NNW | 74 |
| 23 | ·919 | ·970 | ·874 | ·914 | ·913 | 74·0 | 81·8 | 84·3 | 72·3 | 78·1 | 85·5 | 73·0 | 12·5 | 10·8 | 142·5 | 57·0 | 67·1 | 5·9 | NNW | N | WNW | WNW | 64 |
| 24 | ·934 | ·981 | ·890 | ·942 | ·929 | 69·2 | 81·3 | 84·3 | 72·3 | 76·3 | 85·0 | 68·7 | 16·3 | 10·2 | 138·5 | 53·5 | 61·1 | 7·6 | WNW | N by W | N by W | N by W | 39 |
| 25 | ·950 | 30·011 | ·914 | ·967 | ·952 | 70·3 | 80·4 | 84·0 | 71·1 | 76·0 | 85·4 | 68·0 | 17·4 | 10·7 | 138·7 | 53·3 | 60·4 | 7·6 | N by E | N by E | N | N | 63 |
| 26 | ·944 | ·005 | ·935 | ·991 | ·963 | 67·4 | 79·1 | 77·3 | 65·5 | 73·4 | 82·8 | 66·4 | 16·4 | 2·3 | 148·5 | 65·7 | 58·0 | 8·4 | N | NE | NNW | N | 79 |
| 27 | ·986 | ·021 | ·904 | ·954 | ·962 | 66·4 | 74·3 | 77·9 | 67·9 | 71·8 | 80·4 | 63·2 | 17·2 | 4·5 | 133·9 | 53·5 | 57·0 | 6·2 | N | NNW | N by W | N by W | 80 |
| 28 | ·962 | ·019 | ·892 | ·958 | ·946 | 65·4 | 77·3 | 81·3 | 68·4 | 73·1 | 82·3 | 64·6 | 17·7 | 10·7 | 138·9 | 56·6 | 57·8 | 6·8 | NW by N | W | NW by W | NW by W | 49 |
| 29 | ·966 | ·013 | ·890 | ·952 | ·946 | 64·7 | 78·3 | 81·2 | 69·3 | 73·2 | 81·9 | 64·3 | 17·6 | 10·8 | 142·5 | 60·6 | 56·4 | 7·9 | NNW | NNW | NNW | NNW | 49 |
| 30 | ·940 | ·006 | ·892 | ·943 | ·933 | 66·2 | 77·2 | 79·8 | 73·6 | 74·5 | 82·0 | 65·9 | 16·1 | 3·7 | 141·6 | 59·6 | 58·1 | 7·8 | N | N by E | E by S | ESE | 40 |
| 31 | ·908 | 29·967 | ·862 | ·928 | ·908 | 73·3 | 77·6 | 78·3 | 73·3 | 75·9 | 79·7 | 72·5 | 7·2 | 0 | 110·0 | 30·3 | 68·0 | 4·5 | NE by E | NE by E | ENE | SSE | 68 |
| Mean | 29·885 | 29·938 | 29·831 | 29·897 | 29·878 | 73·5 | 81·7 | 83·0 | 75·0 | 78·6 | 85·4 | 72·7 | 12·7 | Total 223·9 | 142·2 | 56·8 | 67·3 | 5·4 | ... | ... | ... | ... | 68·8 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 76·7 | 77·2 | 75·6 | 77·4 | 77·6 | 75·0 | ·907 | ·813 | ·701 | ·914 | ·880 | ·843 | 95 | 65 | 51 | 91 | 80 | 91 | ... | 4 | 0 | 0 | 1 | C. Cs.*c.* | *b.* | Cs. *b.c.* |
| 2 | 75·6 | 76·3 | 75·5 | 76·9 | 77·2 | 75·2 | ·853 | ·773 | ·695 | ·906 | ·860 | ·849 | 89 | 61 | 50 | 93 | 78 | 91 | ... | 0 | 0 | 1 | 0 | *b.* | K. *b.c.* | *b.* |
| 3 | 75·7 | 78·2 | 75·7 | 77·0 | 77·3 | 74·2 | ·877 | ·858 | ·721 | ·909 | ·872 | ·824 | 95 | 68 | 54 | 93 | 80 | 92 | ... | 8 | 1 | 1 | 0 | C. Cs.*c.* | Ck. *c.* | *b.* |
| 4 | 75·2 | 76·7 | 77·7 | 79·2 | 78·1 | 73·8 | ·862 | ·792 | ·802 | ·976 | ·894 | ·808 | 95 | 63 | 59 | 92 | 80 | 91 | ... | 5 | 2 | 4 | 0 | C.*c.* | Ck. *c.* | K.*b.c.* |
| 5 | 76·7 | 77·4 | 78·3 | 79·5 | 78·8 | 76·2 | ·907 | ·847 | ·848 | ·993 | ·935 | ·892 | 95 | 72 | 65 | 94 | 84 | 95 | ... | 8 | 6 | 5 | 1 | C.Pc.*c.* | C. Cs. *c.* | C. Cs. *c.* |
| 6 | 77·8 | 80·2 | 78·9 | 79·9 | 79·5 | 77·2 | ·948 | ·951 | ·847 | ·995 | ·947 | ·922 | 98 | 76 | 61 | 91 | 82 | 95 | ... | 4 | 3 | 3 | 10 | C.*c.* | K. *c.t.* | K. Cs. Pc. Ck. *c.o.* |
| 7 | 78·7 | 80·3 | 73·9 | 74·2 | 78·1 | 77·1 | ·976 | ·968 | ·828 | ·840 | ·930 | ·905 | 98 | 79 | 97 | 98 | 89 | 91 | 1·35 | 2 | 5 | 10 | 7 | C.Cs.*c.* | C.Cs.P. *c.o.g.p.t.* | P. Pc. Ck. *o.g.a.c.* |
| 8 | 75·2 | 78·4 | 77·5 | 76·3 | 77·3 | 73·4 | ·869 | ·919 | ·810 | ·895 | ·899 | ·811 | 98 | 83 | 62 | 95 | 87 | 95 | ... | 8 | 8 | 5 | 0 | Pk.Ck.*c.* | K.Ck.Pk. *t.* | K.Pk.*c.t.* |
| 9 | 77·3 | 77·1 | 77·6 | 75·9 | 77·9 | 74·7 | ·925 | ·824 | ·820 | ·876 | ·907 | ·841 | 95 | 68 | 64 | 93 | 84 | 93 | ... | 8 | 6 | 7 | 4 | K. Ck. *c.* | K. Pk. *c.* | Pk.Ck.Pc. *c.t.* |
| 10 | 76·1 | 78·2 | 75·2 | 75·2 | 77·4 | 73·7 | ·889 | ·885 | ·801 | ·849 | ·891 | ·806 | 95 | 75 | 76 | 91 | 84 | 91 | ... | 4 | 5 | 5 | 2 | Ck.*c.* | K.Pk.Cs. *c.* | C.Cs.Pc.*c.* |
| 11 | 75·9 | 78·2 | 74·2 | 72·6 | 76·3 | 74·2 | ·883 | ·899 | ·807 | ·775 | ·864 | ·820 | 95 | 79 | 86 | 90 | 86 | 91 | ... | 8 | 8 | 10 | 2 | Pk.Ck. Cs.*c.* | K.Pk.Cs. *c. o.g.t.* | Pk.Pc. *o.c.* |
| 12 | 73·2 | 76·2 | 73·7 | 74·2 | 74·6 | 71·9 | ·806 | ·864 | ·793 | ·820 | ·824 | ·767 | 95 | 87 | 86 | 91 | 89 | 94 | 0·06 | 8 | 10 | 10 | 10 | Pk.Pc.*c.* | K.Pk.P. *o.g.d.* | Pc. Ck. *o.* |
| 13 | 73·4 | 76·2 | 75·2 | 76·2 | 76·1 | 72·6 | ·811 | ·861 | ·828 | ·892 | ·873 | ·782 | 95 | 86 | 84 | 95 | 90 | 93 | 0·06 | 9 | 10 | 10 | 10 | Pc.Ck.*c. d.* | K.Pk Fk. Pc.Cs.*o.d.* | Pc. Ck. *o.* |
| 14 | 74·2 | 76·2 | 76·9 | 76·2 | 76·9 | 73·8 | ·840 | ·875 | ·865 | ·885 | ·899 | ·829 | 98 | 90 | 81 | 93 | 90 | 98 | 0·93 | 10 | 10 | 9 | 4 | P.Pk. *p.* | P.Fk.c. Cs. K.*o.g.c.* | Pc.K. *c.* |
| 15 | 76·2 | 78·7 | 78·0 | 75·4 | 77·5 | 75·3 | ·899 | ·928 | ·906 | ·868 | ·908 | ·869 | 98 | 83 | 83 | 95 | 88 | 97 | ... | 9 | 9 | 10 | 2 | Pk. Ck. Pc. *c.* | K.Pk P. *c. o. g. t.* | Pc.*o.g.t.c.* |
| 16 | 74·5 | 76·7 | 76·7 | 75·2 | 76·1 | 73·8 | ·849 | ·873 | ·829 | ·862 | ·866 | ·822 | 98 | 85 | 73 | 95 | 88 | 95 | 0·15 | 10 | 10 | 3 | 0 | Ck.Fk. *o.* | Pk.*o.g.c.p.* | C. *b.c.* |
| 17 | 75·2 | 73·4 | 75·2 | 74·0 | 75·8 | 73·6 | ·869 | ·716 | ·754 | ·828 | ·849 | ·817 | 98 | 67 | 64 | 95 | 86 | 95 | ... | 10 | 2 | 5 | 0 | Pk.C.Pc. *o.* | K.Fk.C.*c.* | Cs. *b.c.* |
| 18 | 72·6 | 73·2 | 71·2 | 71·1 | 72·8 | 72·0 | ·793 | ·704 | ·604 | ·750 | ·739 | ·773 | 97 | 65 | 53 | 95 | 79 | 95 | ... | 8 | 1 | 1 | 0 | C.Pc.Cs. *c.* | Cs.C. *c.* | Cs. *b·c.* |
| 19 | 69·2 | 72·2 | 72 6 | 71·3 | 72·4 | 68·6 | ·702 | ·670 | ·654 | ·741 | ·738 | ·684 | 95 | 62 | 57 | 90 | 81 | 93 | ... | 3 | 1 | 1 | 0 | C.Cs.*c.* | K. *c.* | *b.* |
| 20 | 69·3 | 74·2 | 73·7 | 72·4 | 73·0 | 68·8 | ·708 | ·766 | ·702 | ·770 | ·757 | ·692 | 96 | 74 | 61 | 90 | 82 | 95 | ... | 1 | 1 | 1 | 0 | Cs. *c.* | K. *c.* | *b.* |
| 21 | 70·0 | 73·2 | 74·0 | 74·3 | 73·4 | 69·6 | ·721 | ·711 | ·717 | ·829 | ·766 | ·711 | 95 | 67 | 62 | 93 | 81 | 95 | ... | 1 | 0 | 1 | 0 | C.*c.* | Cs. *b.c.* | *b.* |
| 22 | 72·3 | 75·4 | 76·2 | 74·3 | 74·8 | 71·3 | ·767 | ·777 | ·777 | ·823 | ·799 | ·748 | 90 | 68 | 63 | 91 | 80 | 93 | ... | 0 | 1 | 2 | 0 | *b.* | K. *c.* | *b.* |
| 23 | 72·2 | 70·2 | 74·2 | 70·0 | 71·8 | 71·3 | ·764 | ·585 | ·712 | ·705 | ·698 | ·745 | 90 | 54 | 60 | 89 | 74 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 68·2 | 69·2 | 68·7 | 69·9 | 70·0 | 67·2 | ·678 | ·554 | ·495 | ·699 | ·649 | ·648 | 95 | 52 | 42 | 88 | 74 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 68·2 | 68·8 | 69·2 | 68·1 | 69·2 | 66·8 | ·665 | ·551 | ·514 | ·648 | ·624 | ·645 | 90 | 53 | 44 | 85 | 72 | 95 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 66·4 | 70·4 | 68·0 | 61·3 | 66·7 | 64·4 | ·636 | ·628 | ·563 | ·491 | ·568 | ·579 | 95 | 62 | 60 | 78 | 70 | 89 | ... | 6 | 9 | 8 | 2 | Pc.Ck.*c.* | Ck. *c.* | Ck. *c.* |
| 27 | 63·2 | 65·1 | 69·1 | 66·3 | 66·3 | 59·7 | ·541 | ·500 | ·592 | ·628 | ·574 | ·468 | 84 | 59 | 61 | 92 | 74 | 80 | ... | 9 | 7 | 6 | 1 | Pc.Ck.*c.* | K.Ck. *c.* | Ck.Cs. *c.* |
| 28 | 64·4 | 69·2 | 68·3 | 65·9 | 67·3 | 63·7 | ·592 | ·608 | ·519 | ·605 | ·592 | ·578 | 95 | 65 | 48 | 87 | 74 | 95 | ... | 3 | 0 | 0 | 0 | Ck.*c.* | *b.* | *b.* |
| 29 | 64·1 | 69·2 | 71·0 | 68·2 | 67·9 | 62·8 | ·593 | ·594 | ·626 | ·678 | ·613 | ·553 | 97 | 61 | 59 | 95 | 76 | 92 | ... | 4 | 1 | 1 | 0 | Cs.Fk.*c.* | Ck. *c.* | *b.* |
| 30 | 65·4 | 69·9 | 72·4 | 72·2 | 70·4 | 64·8 | ·614 | ·636 | ·696 | ·771 | ·690 | ·601 | 95 | 68 | 68 | 93 | 81 | 95 | ... | 7 | 8 | 10 | 9 | C.Cs. *c.* | C. Cs. Pc. Ck. *c.o.* | Ck.Pc. *c.* |
| 31 | 70·8 | 73·7 | 73·2 | 72·2 | 72·6 | 69·9 | ·722 | ·779 | ·752 | ·778 | ·757 | ·699 | 88 | 82 | 78 | 95 | 85 | 88 | 0·02 | 10 | 10 | 10 | 10 | Pc.*o.g.d.* | K.Pk. Pc. P.*o.g.* | Pc.P.*o.g.* |
| Mean | 72·4 | 74·5 | 74·1 | 73·3 | 74·2 | 71·2 | ·789 | ·765 | ·728 | ·806 | ·796 | ·753 | 95 | 70 | 65 | 92 | 82 | 93 | Total 2·57 | 5·39 | 4·32 | 4·48 | 2·42 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·531 | 29·587 | 29·493 | 29·559 | 29·535 | 71·5 | 87·3 | 93·1 | 77·2 | 81·7 | 93·9 | 71·4 | 22·5 | 11·2 | 152·6 | 58·7 | 65·0 | 6·4 | W | NW | NW | NW | 122·5 |
| 2 | ·540 | ·583 | ·465 | ·516 | ·519 | 76·2 | 87·8 | 93·4 | 78·2 | 83·3 | 94·5 | 72·4 | 22·1 | 10·7 | 151·3 | 56·8 | 64·3 | 8·1 | W | WNW | NW | WNW | 127·9 |
| 3 | ·527 | ·562 | ·435 | ·485 | ·495 | 72·0 | 88·3 | 93·3 | 76·2 | 81·8 | 94·2 | 71·1 | 23·1 | 11·2 | 151·2 | 57·0 | 63·0 | 8·1 | NW | WNW | WNW | W | 123·2 |
| 4 | ·513 | ·568 | ·444 | ·501 | ·499 | 72·1 | 87·0 | 93·8 | 75·2 | 81·4 | 94·5 | 71·5 | 23·0 | 10·9 | 151·7 | 57·2 | 63·9 | 7·6 | WNW | W | WNW | Calm | 104·9 |
| 5 | ·508 | ·545 | ·419 | ·471 | ·479 | 70·2 | 85·8 | 93·3 | 76·2 | 80·8 | 93·3 | 69·3 | 24·0 | 11·2 | 149·6 | 56·3 | 61·8 | 7·5 | WNW | WNW | NW | Calm | 103·9 |
| 6 | ·489 | ·537 | ·420 | ·491 | ·477 | 70·1 | 86·8 | 94·3 | 78·2 | 81·8 | 94·6 | 70·0 | 24·6 | 11·3 | 152·0 | 57·4 | 61·8 | 8·2 | W | NW | NW | NW | 36·3 |
| 7 | ·532 | ·575 | ·464 | ·563 | ·527 | 74·2 | 89·3 | 94·3 | 78·7 | 83·5 | 95·0 | 73·6 | 21·4 | 10·5 | 153·9 | 58·9 | 66·6 | 7·0 | NW | NW | NW | W | 49·4 |
| 8 | ·583 | ·631 | ·496 | ·579 | ·565 | 71·5 | 90·3 | 96·8 | 79·2 | 83·8 | 96·9 | 71·5 | 25·4 | 11·0 | 153·5 | 56·6 | 63·8 | 7·7 | NW | E | E | WNW | 24·7 |
| 9 | ·581 | ·639 | ·523 | ·576 | ·573 | 74·2 | 87·5 | 88·0 | 79·2 | 81·6 | 93·5 | 73·9 | 19·6 | 8·0 | 155·2 | 61·7 | 66·7 | 7·2 | ENE | SE | ESE | E | 61·7 |
| 10 | ·561 | ·593 | ·448 | ·522 | ·524 | 74·2 | 87·3 | 94·3 | 81·1 | 83·6 | 94·5 | 73·5 | 21·0 | 11·4 | 152·1 | 57·6 | 65·5 | 8·0 | ENE | E | ENE | ENE | 53·8 |
| 11 | ·5·4 | ·574 | ·464 | ·522 | ·514 | 74·5 | 88·5 | 79·0 | 77·2 | 79·2 | 92·4 | 73·7 | 18·7 | 7·6 | 152·5 | 60·1 | 66·8 | 6·9 | E | SSE | N | SSE | 70·1 |
| 12 | ·522 | ·558 | ·474 | ·607 | ·533 | 75·2 | 83·5 | 79·2 | 72·1 | 76·9 | 84·1 | 74·4 | 9·7 | 1·3 | 142·0 | 57·9 | 69·1 | 5·3 | Calm | E | E | E | 146·3 |
| 13 | ·552 | ·599 | ·500 | ·577 | ·550 | 71·2 | 72·0 | 70·3 | 69·8 | 70·2 | 72·8 | 70·4 | 2·4 | 0 | 94·6 | 21·8 | 67·8 | 2·6 | N | NNE | N | N | 41·9 |
| 14 | ·500 | ·499 | ·432 | ·578 | ·495 | 71·1 | 76·2 | 77·1 | 72·1 | 73·5 | 77·4 | 68·6 | 8·8 | 0·2 | 119·3 | 41·9 | 68·0 | 0·6 | N | NNE | WNW | NW | 124·5 |
| 15 | ·609 | ·692 | ·611 | ·684 | ·642 | 70·1 | 76·8 | 79·2 | 73·2 | 74·2 | 80·9 | 69·6 | 11·3 | 3·5 | 144·8 | 63·9 | 68·7 | 0·9 | N | NE | W | SW | 90·4 |
| 16 | ·664 | ·691 | ·562 | ·578 | ·617 | 69·1 | 80·2 | 85·8 | 76·2 | 77·2 | 85·9 | 68·6 | 17·3 | 10·9 | 144·2 | 58·3 | 62·9 | 5·7 | W | WNW | WSW | WSW | 134·3 |
| 17 | ·558 | ·639 | ·555 | ·578 | ·575 | 69·1 | 82·3 | 87·2 | 73·0 | 77·3 | 87·4 | 68·4 | 19·0 | 10·8 | 145·2 | 57·8 | 60·7 | 7·7 | W | WNW | WNW | WNW | 133·6 |
| 18 | ·571 | ·635 | ·526 | ·597 | ·575 | 66·1 | 81·3 | 86·7 | 70·1 | 75·4 | 87·6 | 64·7 | 22·9 | 10·0 | 145·0 | 57·4 | 54·4 | 10·3 | NW | WNW | NW | Calm | 108·9 |
| 19 | ·590 | ·642 | ·563 | ·633 | ·600 | 65·1 | 81·3 | 88·5 | 74·2 | 76·7 | 88·9 | 64·7 | 24·2 | 10·4 | 145·7 | 56·8 | 53·9 | 10·8 | Calm | WNW | NNW | N | 31·9 |
| 20 | ·640 | ·690 | ·612 | ·677 | ·648 | 68·1 | 83·8 | 87·3 | 73·2 | 77·5 | 87·4 | 67·7 | 19·7 | 10·5 | 145·6 | 58·2 | 58·7 | 9·0 | Calm | ESE | ENE | Calm | 46·5 |
| 21 | ·688 | ·741 | ·626 | ·679 | ·677 | 69·1 | 83·3 | 88·8 | 68·6 | 76·8 | 89·3 | 67·6 | 21·7 | 10·6 | 146·1 | 56·8 | 59·4 | 8·2 | N | WNW | NW | Calm | 44·0 |
| 22 | ·682 | ·721 | ·620 | ·661 | ·664 | 63·0 | 80·9 | 88·0 | 67·1 | 74·2 | 88·2 | 62·6 | 25·6 | 10·8 | 145·3 | 57·1 | 50·6 | 12·0 | NW | NW | NW | W | 47·7 |
| 23 | ·654 | ·686 | ·590 | ·632 | ·633 | 62·3 | 82·2 | 86·3 | 66·1 | 73·6 | 87·4 | 60·5 | 26·9 | 10·7 | 145·6 | 58·2 | 49·1 | 11·4 | W | W | WNW | SSW | 96·1 |
| 24 | ·644 | ·678 | ·592 | ·643 | ·632 | 59·0 | 78·1 | 88·0 | 71·1 | 73·4 | 88·4 | 57·7 | 30·7 | 10·8 | 145·7 | 57·3 | 46·5 | 11·2 | Calm | WNW | NW | SSW | 64·8 |
| 25 | ·652 | ·722 | ·624 | ·674 | ·661 | 61·8 | 78·2 | 88·3 | 66·1 | 73·0 | 88·4 | 57·7 | 30·7 | 11·0 | 145·5 | 57·1 | 43·9 | 13·8 | S | NE | NE | ESE | 12·1 |
| 26 | ·666 | ·708 | ·614 | ·669 | ·657 | 57·8 | 80·2 | 88·2 | 70·1 | 73·5 | 88·2 | 57·1 | 31·1 | 11·0 | 145·2 | 57·0 | 43·9 | 13·2 | ESE | NW | NW | SSW | 79·0 |
| 27 | ·689 | ·740 | ·605 | ·657 | ·666 | 59·8 | 79·6 | 87·2 | 66·1 | 72·6 | 87·9 | 58·6 | 29·3 | 10·1 | 145·0 | 57·1 | 45·8 | 12·8 | Calm | W | WNW | Calm | 91·4 |
| 28 | ·686 | ·730 | ·613 | ·682 | ·671 | 58·5 | 80·0 | 87·0 | 65·4 | 72·1 | 87·0 | 57·3 | 29·7 | 10·8 | 144·4 | 57·4 | 44·4 | 12·9 | Calm | W | WNW | NNW | 31·8 |
| 29 | ·690 | ·751 | ·624 | ·679 | ·679 | 59·7 | 80·7 | 87·3 | 66·1 | 72·8 | 87·3 | 58·4 | 28·9 | 11·1 | 143·4 | 56·1 | 45·3 | 13·1 | Calm | SW | NW | Calm | 23·5 |
| 30 | ·686 | ·736 | ·611 | ·679 | ·671 | 58·0 | 79·7 | 85·8 | 66·1 | 71·8 | 86·0 | 56·9 | 29.1 | 11·1 | 144·0 | 58·0 | 44·2 | 12·7 | Calm | W | NE | Calm | 32·0 |
| 31 | ·668 | ·711 | ·591 | ·666 | ·652 | 62·2 | 82·1 | 84·8 | 67·3 | 73·5 | 85·4 | 59·7 | 25·7 | 11·0 | 143·9 | 58·5 | 46·2 | 13·5 | ESE | E | E | ENE | 43·2 |
| Mean | 29·597 | 29·644 | 29·536 | 29·600 | 29·588 | 67·6 | 82·8 | 87·6 | 72·6 | 77·1 | 88·8 | 66·6 | 22·3 | Total 291·6 | 145·0 | 56·2 | 57·8 | 8·7 | ... | ... | ... | ... | 74·3 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 67·1 | 74·2 | 73·6 | 71·1 | 71·5 | 66·9 | ·607 | ·670 | ·567 | ·681 | ·631 | ·601 | 78 | 52 | 37 | 73 | 60 | 78 | ... | 0 | 1 | 1 | 2 | *b.* | Fk. *c.* | Ck. ∞ *c.* |
| 2 | 68·9 | 74·2 | 74·2 | 69·2 | 71·6 | 68·0 | ·610 | ·663 | ·588 | ·594 | ·614 | ·627 | 68 | 50 | 38 | 61 | 54 | 79 | ... | 9 | 1 | 1 | 0 | Ck.Cs. *c.* | Ck. Fk. *c.* | *b.* |
| 3 | 67·0 | 73·4 | 74·0 | 70·1 | 71·1 | 66·4 | ·596 | ·623 | ·581 | ·655 | ·614 | ·587 | 76 | 46 | 37 | 73 | 58 | 77 | ... | 0 | 1 | 1 | 0 | *b.* | Ck. Fk. *c.* | *b.* |
| 4 | 66·9 | 73·4 | 74·1 | 70·1 | 71·1 | 66·3 | ·591 | ·641 | ·578 | ·669 | ·620 | ·578 | 75 | 50 | 37 | 77 | 60 | 75 | .. | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 66·1 | 73·2 | 75·2 | 73·0 | 71·9 | 65·6 | ·588 | ·649 | ·631 | ·770 | ·660 | ·582 | 80 | 53 | 40 | 85 | 64 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 67·1 | 75·2 | 75·2 | 73·2 | 72·7 | 67·1 | ·625 | ·719 | ·617 | ·752 | ·678 | ·627 | 85 | 57 | 38 | 78 | 64 | 85 | ... | 0 | 0 | 0 | 3 | *b.* | *b.* | Fk.Ck. *c.* |
| 7 | 69·1 | 75·3 | 74·2 | 73·0 | 72·9 | 69·0 | ·644 | ·689 | ·575 | ·736 | ·661 | ·649 | 76 | 50 | 36 | 75 | 59 | 78 | ... | 7 | 0 | 2 | 0 | Ck.Cs. *c.* | Fk. K. *b. c.* | Fk. *c. b.* |
| 8 | 70·1 | 77·5 | 75·5 | 73·2 | 74·1 | 70·2 | ·719 | ·771 | ·596 | ·738 | ·706 | ·723 | 93 | 54 | 34 | 74 | 64 | 94 | ... | 0 | 0 | 2 | 1 | *b* | Fk. *b. c.* | Ck. *b.c.r.* |
| 9 | 70·6 | 76·8 | 77·2 | 75·4 | 75·0 | 71·1 | ·702 | ·778 | ·789 | ·830 | ·775 | ·725 | 84 | 59 | 59 | 83 | 71 | 87 | 0·01 | 1 | 2 | 6 | 2 | Ck. *c.* | Ck. Cs.Pk. *c. t.* | Pk.Cs. Fk. *c.* |
| 10 | 72·1 | 76·6 | 75·7 | 74·2 | 74·6 | 72·2 | ·761 | ·772 | ·639 | ·754 | ·732 | ·774 | 90 | 59 | 40 | 71 | 65 | 94 | ... | 0 | 0 | 1 | 0 | *b* | Fk. *b. c.* | Fk. *c. b.* |
| 11 | 73·2 | 78·3 | 75·2 | 75·1 | 75·4 | 72·5 | ·801 | ·832 | ·824 | ·845 | ·826 | ·784 | 94 | 62 | 83 | 91 | 82 | 94 | 0·07 | 1 | 1 | 10 | 5 | Ck. *c.* | Cs. Pk. Pc. *c. o. t. r.* | Pk.Ck.Cs.*c.* |
| 12 | 73·7 | 77·2 | 72·1 | 71·0 | 73·5 | 73·2 | ·813 | ·850 | ·693 | ·746 | ·776 | ·803 | 93 | 74 | 70 | 95 | 83 | 94 | 0·04 | 10 | 10 | 10 | 10 | Pk.Ck. Cs. *o.* | Cs Ck Fk. Pk. *o. g.* | Pk.Pc. *o.g. r.* |
| 13 | 70·4 | 71·4 | 69·2 | 69·1 | 70·0 | 69·2 | ·734 | ·763 | ·700 | ·703 | ·725 | ·699 | 96 | 97 | 94 | 96 | 96 | 94 | 0·66 | 10 | 10 | 10 | 10 | Pk. *o.g.r.* | Pk. *g.d.o.r* | Pk. *o.g.d.* |
| 14 | 70·3 | 74·2 | 74·7 | 71·2 | 72·6 | 68·1 | ·732 | ·820 | ·829 | ·754 | ·784 | ·682 | 96 | 91 | 89 | 96 | 93 | 97 | 0·48 | 10 | 10 | 9 | 8 | Pk. *o. r.* | Pk.Fk. *o.g. c.* | Pk.Pc. *o.g. c.* |
| 15 | 69·1 | 70·8 | 73·2 | 71·6 | 71·2 | 68·3 | ·699 | ·674 | ·738 | ·754 | ·716 | ·676 | 95 | 73 | 74 | 92 | 84 | 93 | 0·05 | 10 | 10 | 6 | 3 | Ck Pk. *o.g.d.* | Ck. Pk. K. Fk. *o.c.* | Fk.K. *c.* |
| 16 | 68·3 | 74·2 | 75·7 | 72·0 | 72·6 | 68·1 | ·683 | ·766 | ·754 | ·730 | ·733 | ·682 | 96 | 74 | 61 | 81 | 78 | 97 | ... | 2 | 1 | 2 | 0 | Fk. *c* | Fk. *c.* | *b.* |
| 17 | 66·1 | 71·1 | 71·1 | 68·6 | 69·2 | 68·4 | ·602 | ·612 | ·546 | ·641 | ·600 | ·595 | 85 | 56 | 42 | 79 | 66 | 86 | ... | 0 | 0 | 1 | 0 | *b.* | C. *b.c.* | C. *c.b.* |
| 18 | 63·6 | 70·1 | 70·4 | 68·1 | 68·0 | 62·5 | ·556 | ·587 | ·526 | ·662 | ·583 | ·538 | 87 | 55 | 41 | 90 | 68 | 88 | ... | 1 | 0 | 0 | 0 | Cs. *c* | *b.* | *b.* |
| 19 | 64·3 | 70·4 | 72·9 | 70·6 | 69·6 | 63·8 | ·593 | ·598 | ·600 | ·702 | ·623 | ·582 | 96 | 56 | 45 | 84 | 70 | 95 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | Ck. *c.b.* |
| 20 | 68·0 | 73·6 | 74·1 | 71·6 | 71·8 | 66·9 | ·685 | ·692 | ·666 | ·754 | ·699 | ·650 | 99 | 60 | 51 | 92 | 76 | 96 | ... | 1 | 1 | 3 | 0 | C. *c* | C.Fk. *b c.* | C.Cs. *c.b.* |
| 21 | 69·1 | 74·2 | 68·1 | 64·0 | 68·8 | 67·1 | ·713 | ·724 | ·411 | ·536 | ·596 | ·658 | 100 | 63 | 31 | 77 | 68 | 97 | ... | 0 | 0 | 0 | 0 | | *b.* | *b.* |
| 22 | 61·0 | 65·3 | 65·9 | 62·1 | 63·6 | 60·0 | ·511 | ·416 | ·343 | ·493 | ·441 | ·485 | 89 | 40 | 26 | 74 | 57 | 85 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 23 | 59·1 | 67·6 | 64·3 | 60·7 | 62·9 | 58·0 | ·460 | ·481 | ·309 | ·460 | ·428 | ·450 | 82 | 44 | 24 | 71 | 55 | 85 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 24 | 57·1 | 64·1 | 65·6 | 61·1 | 62·0 | 55·9 | ·443 | ·412 | ·332 | ·407 | ·398 | ·425 | 88 | 79 | 25 | 53 | 61 | 89 | ... | 0 | 0 | 0 | 0 | *b* | *b* | *b.* |
| 25 | 56·2 | 66·1 | 68·1 | 62·1 | 63·1 | 55·4 | ·379 | ·481 | ·418 | ·506 | ·446 | ·410 | 69 | 50 | 32 | 79 | 58 | 85 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 26 | 56·6 | 62·6 | 65·1 | 61·1 | 61·4 | 55·2 | ·444 | ·334 | ·312 | ·420 | ·378 | ·412 | 93 | 33 | 23 | 57 | 52 | 89 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 27 | 58·1 | 66·9 | 66·1 | 61·1 | 63·0 | 57·1 | ·463 | ·491 | ·360 | ·473 | ·447 | ·449 | 90 | 48 | 28 | 73 | 60 | 91 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 56·9 | 66·0 | 65·5 | 61·1 | 62·4 | 55·9 | ·444 | ·453 | ·342 | ·483 | ·430 | ·430 | 90 | 44 | 27 | 77 | 60 | 92 | ... | 0 | 0 | 0 | 0 | *b* | *b.* | *b.* |
| 29 | 59·1 | 67·1 | 66·0 | 61·1 | 63·3 | 57·2 | ·495 | ·483 | ·355 | ·473 | ·452 | ·454 | 96 | 46 | 27 | 73 | 60 | 93 | ... | 0 | 1 | 1 | 1 | *b.* | C. Ck. *c.* | C. *c.* |
| 30 | 57·1 | 67·1 | 66·1 | 61·8 | 63·0 | 55·5 | ·456 | ·497 | ·379 | ·496 | ·457 | ·423 | 95 | 49 | 31 | 78 | 63 | 92 | ... | 1 | 1 | 3 | 3 | Cs. *c* | Cs.C.Ck. *c.* | C. Cs. *c.* |
| 31 | 59·0 | 66·2 | 66·9 | 62·2 | 63·6 | 58·2 | ·459 | ·432 | ·420 | ·493 | ·451 | ·467 | 82 | 39 | 35 | 74 | 58 | 91 | ... | 5 | 1 | 1 | 1 | C Cs. *c.* | C. *c* | C. Cs. *c.* |
| Mean | 65·2 | 71·4 | 71·1 | 68·1 | 69·0 | 64·5 | ·600 | ·625 | ·549 | ·636 | ·603 | ·589 | 88 | 58 | 44 | 78 | 67 | 89 | Total 1·31 | 2·19 | 1·65 | 2·26 | 1·58 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·504 | 29·432 | 86·6 | 90·6 | 93·3 | 69·9 | 23·4 | 157·7 | 64·4 | 63·0 | 6·9 | NW | NW | Calm | NNW | 71 |
| 2 | ·501 | ·400 | 89·1 | 92·1 | 93·3 | 72·8 | 20·5 | 143·7 | 50·4 | 64·0 | 8·8 | Calm | NNW | N | Calm | 92 |
| 3 | ·489 | ·377 | 86·6 | 91·6 | 93·3 | 72·8 | 20·5 | 147·7 | 54·4 | 66·0 | 6·8 | N | N | NNW | NNW | 162 |
| 4 | ·500 | ·399 | 86·6 | 84·6 | 92·8 | 68·9 | 23·9 | 145·7 | 55·9 | 61·0 | 7·9 | NNW | NNW | N | N | 104 |
| 5 | ·481 | ·372 | 86·1 | 91·6 | 93·3 | 68·9 | 24·4 | 147·7 | 54·4 | 62·0 | 6·9 | N | N | Calm | N | 27 |
| 6 | ·480 | ·378 | 86·6 | 89·6 | 94·3 | 68·9 | 25·4 | 149·7 | 55·4 | 62·0 | 6·9 | N | N | N | N | 36 |
| 7 | ·525 | ·424 | 90·1 | 92·5 | 95·3 | 69·9 | 25·4 | 150·7 | 55·4 | 63·0 | 6·9 | N | NNW | NNW | Calm | 27 |
| 8 | ·579 | ·457 | 89·6 | 90·6 | 96·3 | 69·9 | 26·4 | 154·7 | 58·4 | 63·0 | 6·9 | Calm | Calm | NNE | NE | 39 |
| 9 | ·557 | ·454 | 86·6 | 91·6 | 94·3 | 70·4 | 23·9 | 145·7 | 51·4 | 65·0 | 5·4 | NE | E | NNW | NNW | 64 |
| 10 | ·533 | ·417 | 87·6 | 92·5 | 94·3 | 70·8 | 23·5 | 153·7 | 59·4 | 65·0 | 5·8 | NNW | NNW | N | N | 42 |
| 11 | ·522 | ·397 | 85·6 | 89·6 | 92·3 | 71·3 | 21·0 | 158·2 | 65·9 | 65·0 | 6·3 | Calm | N | WNW | WNW | 61 |
| 12 | ·524 | ·423 | 81·2 | 83·7 | 87·3 | 70·8 | 16·5 | 129·7 | 42·4 | 64.0 | 6·8 | WNW | NW | NW | NNE | 80 |
| 13 | ·584 | ·492 | 72·7 | 71·7 | 84·2 | 67·9 | 16·3 | 97·7 | 13·5 | 67·0 | 0·9 | WNW | WNW | N | NNW | 54 |
| 14 | ·522 | ·443 | 69·7 | 71·7 | 73·1 | 66·9 | 6·2 | 93·7 | 20·6 | 66·5 | 0·4 | NNW | NW | Calm | NW | 39 |
| 15 | ·640 | ·549 | 74·7 | 79·7 | 82·2 | 67·9 | 14·3 | 143·7 | 61·5 | 64·0 | 3·9 | Calm | NW | Calm | WNW | 35 |
| 16 | ·622 | ·539 | 82·7 | 82·7 | 89·3 | 66·9 | 22·4 | 159·7 | 70·4 | 62·0 | 4·9 | WNW | SW | WSW | WSW | 142 |
| 17 | ·544 | ·438 | 82·2 | 83·7 | 90·3 | 67·4 | 22·9 | 159·7 | 69·4 | 61·0 | 6·4 | WSW | WSW | NNE | Calm | 98 |
| 18 | ·576 | ·482 | 80·7 | 85·6 | 89·3 | 61·9 | 27·4 | 143·7 | 54·4 | 53·0 | 8·9 | NNE | NNE | NE | Calm | 85 |
| 19 | ·572 | ·497 | 82·7 | 86·6 | 91·8 | 60·9 | 30·9 | 147·7 | 55·9 | 53·0 | 7·9 | NE | NE | Calm | N | 23 |
| 20 | ·642 | ·549 | 83·7 | 85·6 | 90·3 | 62·9 | 27·4 | 157·7 | 67·4 | 56·0 | 6·9 | N | N | N | N | 18 |
| 21 | ·666 | ·559 | 83·7 | 88·6 | 91·3 | 63·9 | 27·4 | 147·7 | 56·4 | 57·0 | 6·9 | N | N | N | N | 60 |
| 22 | ·646 | ·554 | 81·2 | 85·6 | 88·3 | 57·9 | 30·4 | 143·7 | 55·4 | 49·0 | 8·9 | Calm | N | NNW | NNW | 58 |
| 23 | ·620 | ·517 | 80·7 | 85·1 | 87·8 | 57·9 | 29·9 | 147·7 | 59·9 | 47·0 | 10·9 | NNW | NNW | Calm | N | 38 |
| 24 | ·605 | ·525 | 78·7 | 87·6 | 89·3 | 56·0 | 33·3 | 144·7 | 55·4 | 48·0 | 8·0 | N | Calm | N | Calm | 44 |
| 25 | ·639 | ·564 | 82·7 | 87·6 | 91·3 | 55·0 | 36·3 | 144·7 | 53·4 | 46·0 | 9·0 | N | N | Calm | Calm | 16 |
| 26 | ·640 | ·531 | 78·7 | 87·6 | 90·3 | 55·0 | 35·3 | 142·7 | 52·4 | 47·0 | 8·0 | Calm | NNW | Calm | WSW | 23 |
| 27 | ·670 | ·556 | 78·2 | 85·6 | 88·3 | 56·0 | 32·3 | 141·7 | 53·4 | 48·0 | 8·0 | WSW | Calm | Calm | NNW | 33 |
| 28 | ·664 | ·556 | 82·7 | 85·6 | 88·3 | 56·9 | 31·4 | 143·2 | 54·9 | 48·0 | 8·9 | Calm | Calm | SE | SE | 17 |
| 29 | ·684 | ·564 | 78·7 | 84·6 | 87·8 | 56·0 | 31·8 | 142·7 | 54·9 | 47·0 | 9·0 | SE | SE | N | N | 37 |
| 30 | ·674 | ·556 | 79·7 | 83·7 | 87·3 | 56·9 | 30·4 | 144·7 | 57·4 | 48·0 | 8·9 | Calm | Calm | NNE | NNE | 36 |
| 31 | ·666 | ·556 | 79·4 | 73·7 | 85·7 | 56·9 | 28·8 | 143·7 | 58·0 | 50·0 | 6·9 | Calm | NNE | N | N | 32 |
| Mean | 29·583 | 29·482 | 82·4 | 85·9 | 89·9 | 64·4 | 25·5 | 144·4 | 54·6 | 57·4 | 7·0 | ... | ... | ... | ... | 54·6 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 71·0 | 73·0 | 67·5 | ·551 | ·576 | ·643 | 44 | 40 | 88 | ... | 3 | 5 | K. | K. | K. *b* |
| 2 | 72·0 | 72·0 | 67·0 | ·556 | ·516 | ·585 | 41 | 34 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 3 | 70·0 | 70·0 | 71·0 | ·525 | ·445 | ·551 | 43 | 30 | 44 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 4 | 71·0 | 74·0 | 65·5 | ·551 | ·698 | ·384 | 44 | 59 | 82 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 5 | 76·4 | 75·0 | 65·5 | ·780 | ·646 | ·584 | 63 | 44 | 82 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 6 | 74·0 | 75·9 | 66·5 | ·671 | ·710 | ·619 | 53 | 51 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 7 | 77·9 | 75·9 | 67·5 | ·792 | ·672 | ·643 | 56 | 44 | 88 | ... | 2 | 2 | K. | K. | K. *b* |
| 8 | 75·9 | 76·9 | 68·5 | ·710 | ·741 | ·679 | 51 | 52 | 92 | ... | 0 | 4 | *b.* | K. | K. *b* |
| 9 | 76·9 | 77·9 | 68·5 | ·796 | ·772 | ·673 | 63 | 52 | 90 | ... | 0 | 3 | *b.* | K. | *b.* *b* |
| 10 | 76·9 | 75·0 | 68·5 | ·781 | ·633 | ·667 | 60 | 42 | 88 | ... | 0 | 4 | *b.* | K. | *b.* *b* |
| 11 | 75·9 | 74·0 | 69·5 | ·766 | ·631 | ·698 | 63 | 45 | 90 | ... | 7 | 3 | K. | K. | K. *b* |
| 12 | 75·0 | 75·0 | 69·5 | ·786 | ·752 | ·705 | 74 | 65 | 93 | ... | 8 | 10 | Pc. | Pc. | Pc. P. *r.* |
| 13 | 71·0 | 68·0 | 66·5 | ·737 | ·637 | ·634 | 93 | 83 | 92 | 0·46 | 10 | 10 | Pc. | Pc. *d.* | Pc. |
| 14 | 69·0 | 70·0 | 66·9 | ·701 | ·712 | ·648 | 97 | 93 | 95 | 0·11 | 10 | 10 | Pc. | Pc. *d.* | Pc. *d.* |
| 15 | 71·0 | 72·0 | 66·5 | ·710 | ·683 | ·634 | 84 | 68 | 92 | 0·08 | 8 | 4 | Pc. | K. | K. *b* |
| 16 | 73·0 | 71·0 | 65·5 | ·682 | ·603 | ·611 | 61 | 55 | 92 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 17 | 68·0 | 67·0 | 61·5 | ·496 | ·439 | ·469 | 45 | 39 | 70 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 18 | 69·0 | 68·0 | 59·5 | ·553 | ·450 | ·478 | 53 | 37 | 86 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 19 | 70·0 | 72·0 | 59·5 | ·564 | ·590 | ·491 | 51 | 47 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 20 | 73·5 | 72·0 | 61·5 | ·690 | ·603 | ·529 | 60 | 49 | 92 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 21 | 70·0 | 64·0 | 62·5 | ·551 | ·269 | ·548 | 48 | 20 | 92 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 22 | 64·0 | 63·1 | 54·6 | ·368 | ·279 | ·378 | 35 | 23 | 79 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 23 | 63·1 | 62·6 | 54·6 | ·344 | ·269 | ·384 | 33 | 23 | 79 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 24 | 66·0 | 64·0 | 53·6 | ·470 | ·282 | ·381 | 48 | 22 | 84 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 25 | 67·0 | 66·0 | 53·6 | ·453 | ·352 | ·394 | 41 | 27 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 26 | 64·0 | 64·0 | 53·1 | ·401 | ·282 | ·380 | 41 | 22 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 27 | 67·0 | 67·5 | 54·6 | ·513 | ·432 | ·409 | 54 | 36 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 28 | 68·5 | 65·0 | 55·6 | ·508 | ·343 | ·426 | 46 | 28 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 29 | 65·0 | 65·0 | 54·6 | ·435 | ·357 | ·409 | 45 | 30 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| 30 | 66·0 | 66·0 | 55·6 | ·457 | ·403 | ·426 | 46 | 35 | 91 | ... | 0 | 4 | *b.* | K. | K. *b* |
| 31 | 66·0 | 66·0 | 55·3 | ·461 | ·537 | ·418 | 46 | 65 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* *b* |
| Mean | 70·5 | 69·9 | 62·3 | ·592 | ·523 | ·532 | 54 | 44 | 86 | Total 0·65 | 1·55 | 1·90 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·066 | 29·133 | 29·076 | 29·121 | 29·099 | 71·4 | 90·7 | 94·2 | 75·1 | 82·8 | 96·1 | 68·0 | 28·1 | 10·2 | 153·0 | 56·9 | 63·7 | 4·3 | Calm | SW | SW | Calm | 71·2 |
| 2 | ·098 | ·151 | ·048 | ·082 | ·095 | 71·1 | 90·2 | 95·7 | 78·0 | 83·7 | 97·7 | 67·0 | 30·7 | 9·7 | 155·0 | 57·3 | 59·7 | 7·3 | Calm | W | SW | Calm | 77·5 |
| 3 | ·058 | ·120 | ·016 | ·059 | ·063 | 68·3 | 87·7 | 96·2 | 72·3 | 81·1 | 98·1 | 64·0 | 34·1 | 10·5 | 156·0 | 57·9 | 57·7 | 6·3 | Calm | W | W | Calm | 61·9 |
| 4 | ·043 | ·134 | ·069 | ·092 | ·085 | 68·6 | 90·4 | 96·4 | 73·1 | 82·1 | 97·6 | 66·0 | 31·6 | 10·4 | 159·0 | 61·4 | 59·7 | 6·3 | Calm | SW | Calm | Calm | 36·2 |
| 5 | ·067 | ·159 | ·041 | ·066 | ·083 | 66·3 | 90·4 | 95·2 | 72·3 | 81·1 | 98·3 | 64·2 | 34·1 | 10·5 | 159·6 | 61·3 | 58·6 | 5·6 | Calm | W | Calm | Calm | 19·8 |
| 6 | ·025 | ·110 | ·038 | ·089 | ·065 | 66·5 | 93·2 | 95·7 | 71·9 | 81·8 | 99·1 | 64·5 | 34·6 | 10·6 | 159·0 | 59·9 | 57·7 | 6·8 | N | W | Calm | Calm | 21·0 |
| 7 | ·082 | ·176 | ·081 | ·126 | ·116 | 66·1 | 90·2 | 95·2 | 71·1 | 80·6 | 99·1 | 63·0 | 36·1 | 10·7 | 159·0 | 59·9 | 56·7 | 6·3 | Calm | N | Calm | Calm | 20·1 |
| 8 | ·133 | ·232 | ·117 | ·143 | ·156 | 64·4 | 91·2 | 97·0 | 72·3 | 81·2 | 99·1 | 62·5 | 36·6 | 10·6 | 160·0 | 60·9 | 54·8 | 7·7 | Calm | E | Calm | Calm | 20·0 |
| 9 | ·144 | ·219 | ·120 | ·124 | ·152 | 65·1 | 88·7 | 96·2 | 72·1 | 80·5 | 97·9 | 63·0 | 34·9 | 10·3 | 157·0 | 59·1 | 56·3 | 6·7 | Calm | Calm | Calm | Calm | 14·0 |
| 10 | ·111 | ·158 | ·040 | ·054 | ·091 | 69·8 | 88·7 | 94·2 | 76·4 | 82·3 | 97·1 | 65·0 | 32·1 | 10·5 | 155·0 | 57·9 | 59·7 | 5·3 | SSE | SE | Calm | E | 35·3 |
| 11 | ·066 | ·130 | ·010 | ·038 | ·061 | 72·8 | 89·7 | 95·0 | 79·4 | 84·2 | 97·8 | 69·9 | 27·9 | 10·3 | 154·5 | 56·7 | 66·6 | 3·3 | SSE | SSE | Calm | ESE | 75·0 |
| 12 | ·038 | ·132 | ·048 | ·121 | ·085 | 73·6 | 83·4 | 92·2 | 77·2 | 81·6 | 94·1 | 68·9 | 25·2 | 10·0 | 150·0 | 55·9 | 64·7 | 4·2 | ESE | E | SE | E | 81·4 |
| 13 | ·128 | ·180 | ·078 | ·104 | ·123 | 70·1 | 86·7 | 85·0 | 72·9 | 78·7 | 93·7 | 67·2 | 26·5 | 7·8 | 156·0 | 62·3 | 60·7 | 6·5 | Calm | SE | E | Calm | 36·0 |
| 14 | ·118 | ·168 | ·086 | ·144 | ·129 | 70·6 | 82·0 | 85·2 | 68·9 | 76·7 | 88·1 | 65·5 | 22·6 | 7·8 | 146·0 | 57·9 | 61·2 | 4·3 | SE | NE | Calm | Calm | 55·9 |
| 15 | ·145 | ·304 | ·229 | ·278 | ·239 | 66·6 | 81·2 | 84·2 | 73·1 | 76·3 | 87·1 | 63·0 | 24·1 | 8·9 | 145·0 | 57·9 | 58·7 | 4·3 | E | N | NE | NW | 90·3 |
| 16 | ·264 | ·329 | ·201 | ·179 | ·243 | 62·7 | 82·2 | 89·2 | 67·1 | 75·3 | 90·9 | 60·2 | 30·7 | 10·3 | 149·6 | 58·7 | 53·3 | 6·9 | Calm | NW | W | Calm | 73·6 |
| 17 | ·138 | ·188 | ·094 | ·145 | ·141 | 60·4 | 82·8 | 89·2 | 72·1 | 76·1 | 92·9 | 57·5 | 35·4 | 9·7 | 151·0 | 58·1 | 51·6 | 5·9 | Calm | Calm | W | SE | 22·8 |
| 18 | ·127 | ·201 | ·112 | ·153 | ·148 | 66·6 | 85·2 | 88·2 | 69·1 | 77·3 | 94·6 | 67·2 | 27·4 | 8·9 | 153·0 | 58·4 | 58·2 | 9·0 | SSE | E | Calm | E | 41·2 |
| 19 | ·150 | ·201 | ·128 | ·216 | ·174 | 65·9 | 81·8 | 89·2 | 65·1 | 75·5 | 93·6 | 62·5 | 31·1 | 8·6 | 154·0 | 60·4 | 56·7 | 5·8 | Calm | NE | SE | Calm | 41·1 |
| 20 | ·206 | ·301 | ·235 | ·316 | ·265 | 57·2 | 81·7 | 86·2 | 64·4 | 72·4 | 89·6 | 56·0 | 33·6 | 9·9 | 148·0 | 58·4 | 50·2 | 5·8 | Calm | SE | W | Calm | 46·3 |
| 21 | ·308 | ·359 | ·241 | ·271 | ·295 | 58·2 | 79·2 | 87·2 | 64·2 | 72·2 | 89·1 | 55·0 | 34·1 | 10·1 | 148·5 | 59·4 | 48·8 | 6·2 | Calm | NE | N | Calm | 31·3 |
| 22 | ·246 | ·307 | ·197 | ·234 | ·246 | 56·7 | 79·8 | 88·2 | 64·2 | 72·2 | 90·1 | 53·6 | 36·5 | 10·2 | 150·0 | 59·9 | 45·9 | 7·7 | Calm | Calm | NW | Calm | 30·5 |
| 23 | ·216 | ·254 | ·148 | ·169 | ·197 | 57·2 | 82·2 | 89·2 | 60·7 | 72·3 | 90·4 | 53·2 | 37·2 | 10·3 | 151·0 | 60·6 | 47·6 | 5·6 | Calm | Calm | Calm | Calm | 18·7 |
| 24 | ·172 | ·244 | ·171 | ·198 | ·196 | 55·7 | 81·0 | 87 8 | 62·2 | 71·7 | 89·9 | 52·5 | 37·4 | 10·3 | 150·0 | 60·1 | 46·7 | 5·8 | Calm | Calm | Calm | Calm | 16·0 |
| 25 | ·195 | ·279 | ·204 | ·239 | ·229 | 55·0 | 81·2 | 88·0 | 60·2 | 71·1 | 90·1 | 51·2 | 38·9 | 10·2 | 149·0 | 58·9 | 44·9 | 6·3 | Calm | Calm | Calm | Calm | 15·3 |
| 26 | ·221 | ·307 | ·200 | ·250 | ·245 | 54·2 | 80·2 | 85·7 | 61·2 | 70·3 | 89·1 | 52·0 | 37·1 | 10·3 | 148·0 | 58·9 | 44·9 | 7·1 | Calm | Calm | Calm | Calm | 13·4 |
| 27 | ·250 | ·325 | ·230 | ·257 | ·265 | 56·2 | 82·8 | 86·0 | 62·4 | 71·8 | 89·1 | 51·8 | 37·3 | 10·3 | 149·5 | 60·4 | 44·7 | 7·1 | Calm | SE | NE | Calm | 16·1 |
| 28 | ·226 | ·289 | ·193 | ·227 | ·234 | 55·2 | 81·2 | 83·4 | 62·2 | 70·5 | 88·3 | 51·6 | 36·7 | 10·3 | 148·0 | 59·7 | 45·4 | 6·2 | Calm | SE | Calm | Calm | 9·6 |
| 29 | ·222 | ·296 | ·212 | ·242 | ·243 | 54·7 | 81·2 | 86·4 | 63·2 | 71·4 | 88·9 | 52·5 | 36·4 | 10·3 | 148·5 | 59·6 | 45·4 | 7·1 | Calm | SE | Calm | Calm | 17·4 |
| 30 | ·245 | ·315 | ·194 | ·226 | ·245 | 56·7 | 80·2 | 86·2 | 61·7 | 71·2 | 89·3 | 52·8 | 36·5 | 10·3 | 149·0 | 59·7 | 44·9 | 7·9 | Calm | SE | Calm | Calm | 15·2 |
| 31 | ·213 | ·266 | ·182 | ·216 | ·219 | 57·2 | 80·2 | 86·0 | 68·9 | 73·1 | 89·9 | 55·0 | 34·9 | 10·2 | 148·0 | 58·1 | 46·8 | 8·2 | Calm | SE | Calm | E | 34·8 |
| Mean | 29·152 | 29·225 | 29·130 | 29·167 | 29·169 | 63·3 | 84·8 | 90·1 | 68·9 | 76·7 | 93·1 | 60·2 | 32·9 | Total 309·0 | 152·2 | 59·1 | 53·9 | 6·3 | ... | ... | ... | ... | 37·4 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 66·5 | 71·7 | 73·2 | 67·7 | 69·8 | 65·9 | ·586 | ·522 | ·536 | ·580 | ·556 | ·611 | 76 | 36 | 33 | 66 | 53 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 65·2 | 72·2 | 74·0 | 66·4 | 69·5 | 64·0 | ·544 | ·549 | ·548 | ·493 | ·534 | ·558 | 71 | 38 | 33 | 52 | 48 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 62·0 | 71·2 | 73·0 | 68·2 | 68·6 | 60·5 | ·473 | ·543 | ·500 | ·636 | ·538 | ·482 | 68 | 41 | 29 | 81 | 55 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 63·2 | 73·2 | 75·2 | 68·0 | 69·9 | 63·0 | ·509 | ·587 | ·589 | ·618 | ·575 | ·537 | 72 | 41 | 34 | 76 | 56 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 63·2 | 74·2 | 73·7 | 66·2 | 69·3 | 62·2 | ·540 | ·628 | ·543 | ·563 | ·569 | ·535 | 84 | 44 | 33 | 71 | 58 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 62·7 | 73·7 | 74·2 | 65·2 | 68·9 | 61·0 | ·521 | ·570 | ·557 | ·534 | ·546 | ·491 | 79 | 37 | 33 | 68 | 54 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 61·7 | 72·2 | 74·2 | 65·2 | 68·3 | 60·0 | ·493 | ·549 | ·564 | ·544 | ·537 | ·479 | 76 | 38 | 34 | 71 | 55 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 61·2 | 71·2 | 76·3 | 64·2 | 68·2 | 59·0 | ·499 | ·496 | ·628 | ·494 | ·529 | ·455 | 84 | 34 | 35 | 62 | 54 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 61·2 | 67·7 | 71·4 | 64·2 | 66·1 | 58·7 | ·490 | ·397 | ·437 | ·497 | ·455 | ·439 | 78 | 30 | 25 | 62 | 49 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 61·6 | 70·8 | 74·2 | 65·2 | 67·9 | 60·5 | ·440 | ·514 | ·577 | ·473 | ·501 | ·468 | 61 | 38 | 36 | 53 | 47 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 63·9 | 69·2 | 68·2 | 65·2 | 66·6 | 63·0 | ·476 | ·440 | ·331 | ·433 | ·420 | ·485 | 58 | 31 | 20 | 43 | 38 | 66 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 64·7 | 70·2 | 70·0 | 67·0 | 68·0 | 63·8 | ·493 | ·562 | ·436 | ·526 | ·503 | ·525 | 59 | 49 | 29 | 56 | 48 | 75 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 65·4 | 72·7 | 74·2 | 66·2 | 69·6 | 64·6 | ·565 | ·616 | ·701 | ·555 | ·609 | ·575 | 75 | 49 | 58 | 68 | 63 | 87 | ... | 0 | 0 | 10 | 0 | *b.* | Pc.Ck.*b.o.* | *b.* |
| 14 | 62·6 | 70·2 | 69·2 | 64·8 | 66·7 | 61·9 | ·462 | ·581 | ·500 | ·560 | ·526 | ·508 | 62 | 52 | 41 | 80 | 59 | 81 | ... | 0 | 6 | 0 | 0 | Pc. *c. b.* | *b.* | *b.* |
| 15 | 59·4 | 65·2 | 66·2 | 61·2 | 63·0 | 58·5 | ·413 | ·409 | ·404 | ·383 | ·402 | ·432 | 64 | 38 | 34 | 46 | 45 | 75 | ... | 1 | 0 | 4 | 0 | *b. l. r.* | Cs.*b.c.* | *b.* |
| 16 | 58·2 | 65·2 | 66·2 | 58·2 | 62·0 | 58·8 | ·427 | ·395 | ·337 | ·369 | ·382 | ·479 | 75 | 36 | 24 | 55 | 48 | 91 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 57·0 | 67·2 | 68·2 | 61·0 | 63·4 | 55·6 | ·421 | ·458 | ·409 | ·390 | ·419 | ·419 | 79 | 41 | 30 | 50 | 50 | 88 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 58·7 | 65·7 | 64·7 | 58·2 | 61·8 | 57·4 | ·391 | ·373 | ·298 | ·342 | ·351 | ·343 | 60 | 31 | 23 | 47 | 40 | 50 | ... | 2 | 0 | 0 | 0 | Pk. *b.* | *b.* | *b.* |
| 19 | 56·4 | 64·2 | 64·8 | 57·4 | 60·7 | 56·1 | ·330 | ·367 | ·288 | ·371 | ·339 | ·367 | 52 | 34 | 21 | 59 | 41 | 64 | ... | 6 | 0 | 0 | 0 | Ck. *c.* | *b.* | *b.* |
| 20 | 53·5 | 63·7 | 64·5 | 57·2 | 59·7 | 53·1 | ·362 | ·351 | ·318 | ·374 | ·351 | ·367 | 77 | 33 | 24 | 63 | 49 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 54·3 | 64·2 | 62·7 | 56·1 | 59·3 | 52·6 | ·372 | ·401 | ·244 | ·344 | ·340 | ·366 | 76 | 40 | 19 | 58 | 48 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 52·3 | 62·4 | 65·2 | 57·2 | 59·3 | 51·1 | ·336 | ·333 | ·315 | ·377 | ·340 | ·343 | 72 | 32 | 23 | 63 | 48 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 52·5 | 63·2 | 64·2 | 55·3 | 8·8 | 50·1 | ·334 | ·327 | ·267 | ·367 | ·324 | ·322 | 71 | 30 | 19 | 68 | 47 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 51·8 | 62·2 | 63·2 | 56·1 | 58·3 | 50·1 | ·335 | ·310 | ·253 | ·371 | ·317 | ·332 | 75 | 29 | 19 | 67 | 47 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 51·8 | 61·2 | 63·2 | 54·5 | 57·7 | 49·9 | ·344 | ·275 | ·250 | ·351 | ·305 | ·344 | 80 | 26 | 18 | 66 | 48 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 51·1 | 61·2 | 63·2 | 55·2 | 57·7 | 49·6 | ·336 | ·289 | ·281 | ·358 | ·316 | ·325 | 79 | 28 | 23 | 66 | 49 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 51·8 | 61·8 | 64·2 | 56·1 | 58·5 | 50·1 | ·328 | ·273 | ·310 | ·368 | ·320 | ·341 | 72 | 25 | 24 | 65 | 46 | 88 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 51·3 | 62·2 | 62·7 | 56·2 | 58·1 | 49·7 | ·328 | ·308 | ·295 | ·374 | ·326 | ·332 | 74 | 29 | 26 | 67 | 49 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 51·3 | 62·2 | 65·2 | 56·2 | 58·7 | 50·6 | ·335 | ·308 | ·339 | ·360 | ·335 | ·345 | 77 | 29 | 27 | 62 | 49 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 52·3 | 62·2 | 65·2 | 56·2 | 59·0 | 50·7 | ·336 | ·321 | ·342 | ·380 | ·345 | ·343 | 72 | 31 | 27 | 69 | 50 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | ... | *b.* |
| 31 | 52·3 | 62·2 | 65·2 | 57·2 | 59·2 | 51·9 | ·329 | ·321 | 345 | ·315 | ·328 | ·347 | 69 | 31 | 27 | 42 | 42 | 80 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| Mean | 58·1 | 67·0 | 68·4 | 61·1 | 63·6 | 56·9 | ·424 | ·431 | ·411 | ·442 | ·427 | ·429 | 72 | 36 | 28 | 62 | 49 | 81 | ... | 0·29 | 0·19 | 0·45 | 0 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | *Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·905 | 28·799 | 85·7 | 87·0 | 91·2 | 69·2 | 22·0 | 158·1 | 66·9 | 58·1 | 11·1 | NNW | NNW | N | ESE | 85 |
| 2 | ·921 | ·781 | 85·6 | 90·0 | 91·1 | 71·1 | 20·0 | 158·8 | 67·7 | 60·8 | 10·3 | N | N | ENE | SE | 87 |
| 3 | ·883 | ·753 | 86·3 | 90·0 | 90·7 | 70·1 | 20·6 | 148·9 | 58·2 | 61·0 | 9·1 | NNW | NW | N | Calm | 107 |
| 4 | ·883 | ·747 | 86·4 | 90·2 | 92·9 | 66·7 | 26·2 | 155·7 | 62·8 | 56·3 | 10·4 | NNW | NNW | N | NNE | 113 |
| 5 | ·845 | ·721 | 87·3 | 90·4 | 92·8 | 68·6 | 24·2 | 158·9 | 66·1 | 55·4 | 13·2 | NNW | NW | N | E | 123 |
| 6 | ·810 | ·704 | 87·2 | 90·7 | 92·3 | 74·6 | 17·7 | 147·9 | 55·6 | 61·8 | 12·8 | NNW | NNW | NNE | NE | 137 |
| 7 | ·861 | ·747 | 85 8 | 91·2 | 93·1 | 71·1 | 22·0 | 151·9 | 58·8 | 58·2 | 12·9 | NNW | NNW | NNE | NE | 140 |
| 8 | ·885 | ·763 | 86·7 | 91·1 | 92·8 | 68·2 | 24·6 | 154·0 | 61·2 | 56·8 | 11·4 | NNW | NE | NE | ENE | 152 |
| 9 | ·875 | ·747 | 86·2 | 89·7 | 91·2 | 76·0 | 15·2 | 155·9 | 64·7 | 68·3 | 7·7 | NE | NE | ENE | ENE | 203 |
| 10 | ·827 | ·686 | 84·7 | 89·2 | 91·0 | 73·6 | 17·4 | 156·4 | 65·4 | 64·6 | 9·0 | NE | ENE | ENE | ENE | 187 |
| 11 | ·833 | ·671 | 80·2 | 86·2 | 87·0 | 73·5 | 13·5 | 142·1 | 55·1 | 68·7 | 4·8 | ENE | E | SE | ESE | 166 |
| 12 | ·799 | ·688 | 73·4 | 71·8 | 75·4 | 71·7 | 3·7 | 125·9 | 50·5 | 69·7 | 2·0 | ENE | NE | N | NE | 201 |
| 13 | ·784 | ·638 | 74·2 | 75·5 | 81·7 | 70·7 | 11·0 | 142·9 | 61·2 | 66·8 | 3·9 | ENE | E | ESE | SSE | 241 |
| 14 | ·845 | ·762 | 75·9 | 79·2 | 81·2 | 69·8 | 11·4 | 144·7 | 63·5 | 66·4 | 3·4 | WNW | WSW | SSW | S | 186 |
| 15 | ·961 | ·855 | 79·2 | 83·0 | 85·7 | 69·5 | 16·2 | 153·4 | 67·7 | 63·0 | 6·5 | NNW | N | WSW | NNW | 69 |
| 16 | 29·028 | ·881 | 79·1 | 85·3 | 86·0 | 66·6 | 19·4 | 143·0 | 57·0 | 58·1 | 8·5 | NNW | NNW | NNE | NE | 87 |
| 17 | 28·963 | ·843 | 83·2 | 85·3 | 89·7 | 67·8 | 21·9 | 145·6 | 55·9 | 57·3 | 10·5 | NW | WSW | NW | N | 67 |
| 18 | ·926 | ·813 | 83·4 | 86·2 | 89·1 | 68·7 | 20·4 | 152·2 | 63·1 | 59·4 | 9·3 | N | N | NNE | NNE | 80 |
| 19 | ·942 | ·838 | 81·7 | 87·1 | 88·3 | 66·1 | 22·2 | 144·8 | 56·5 | 57·4 | 8·7 | N | NE | ENE | ENE | 84 |
| 20 | ·955 | ·854 | 80·3 | 86·7 | 87·1 | 67·1 | 20·0 | 145·0 | 57·9 | 54·9 | 12·2 | N | NNE | ENE | ENE | 97 |
| 21 | 29·003 | ·870 | 81·3 | 85·5 | 87·7 | 66·2 | 21·5 | 143·0 | 55·3 | 56·8 | 9·4 | N | NE | NE | ENE | 141 |
| 22 | 28·977 | ·875 | 82·1 | 85·2 | 87·3 | 65·6 | 21·7 | 144·4 | 57·1 | 53·9 | 11·7 | NNE | ENE | NNE | NE | 127 |
| 23 | ·965 | ·852 | 81·3 | 85·4 | 87·4 | 65·6 | 21·8 | 143·7 | 56·3 | 55·2 | 10·4 | N | NNE | NNE | ENE | 110 |
| 24 | ·979 | ·871 | 82·0 | 84·7 | 86·7 | 64·6 | 22·1 | 146·4 | 59·7 | 51·5 | 13·1 | N | ENE | ENE | NE | 110 |
| 25 | 29·004 | ·878 | 80·0 | 83·2 | 86·2 | 61·3 | 24·9 | 143·7 | 57·5 | 48·0 | 13·3 | N | NE | NNE | NNE | 123 |
| 26 | 28 989 | ·852 | 79·2 | 84·7 | 86·3 | 59·1 | 27·2 | 144·4 | 58·1 | 43·7 | 15·4 | NNE | NE | NE | NE | 138 |
| 27 | ·996 | ·867 | 77·2 | 83·2 | 85·2 | 60·0 | 25·2 | 141·4 | 56·2 | 44·9 | 15·1 | ENE | NE | NE | E | 171 |
| 28 | ·981 | ·858 | 79·8 | 83·2 | 85·2 | 59·9 | 25·3 | 144·4 | 59·2 | 45·9 | 14·0 | N | NNE | NE | NNE | 134 |
| 29 | ·988 | ·853 | 79·2 | 82·2 | 84·7 | 58·6 | 26·1 | 141·7 | 57·0 | 47·4 | 11·2 | N | NE | NE | NNE | 149 |
| 30 | ·961 | ·848 | 80·2 | 81·2 | 83·7 | 59·7 | 24·0 | 148·0 | 64·3 | 47·9 | 11·8 | NNE | NE | NE | NE | 175 |
| 31 | ·942 | ·801 | 77·2 | 80·7 | 83·1 | 59·1 | 24·0 | 142·0 | 58·9 | 45·0 | 14·1 | NNE | NE | NE | NE | 175 |
| Mean | 28·920 | 28·797 | 81·7 | 85·3 | 87·5 | 67·1 | 20·4 | 147·4 | 59·9 | 56·9 | 10·2 | ... | ... | ... | ... | 134·4 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 71·9 | 72·0 | 64·7 | ·613 | ·598 | ·556 | 49 | 46 | 78 | ... | 1 | 6 | C. K. *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 2 | 72·0 | 73·4 | 65·7 | ·617 | ·615 | ·561 | 50 | 44 | 74 | ... | 0 | 4 | *b.* | Pc. K. *c.* | Pc. K. *c.* |
| 3 | 72·7 | 69·9 | 65·3 | ·634 | ·479 | ·565 | 48 | 34 | 77 | ... | 1 | 3 | C. *b.* | Pc. *c.* | Pc. *c.* |
| 4 | 70·9 | 69·8 | 61·7 | ·566 | ·478 | ·486 | 45 | 33 | 75 | ... | 1 | 4 | C. *b.* | Pc. *c.* | Pc. *c.* |
| 5 | 67·9 | 69·7 | 61·7 | ·442 | ·462 | ·461 | 34 | 33 | 66 | ... | 1 | 7 | C. *b.* | Pc. *c.* | Pc. *c.* |
| 6 | 71·7 | 69·1 | 65·6 | ·579 | ·441 | ·517 | 45 | 31 | 61 | ... | 3 | 6 | C. Pc. *c.* | Pc. *c.* | Pc. *c.* |
| 7 | 70·5 | 69·9 | 62·8 | ·556 | ·468 | ·474 | 45 | 31 | 62 | ... | 1 | 3 | C. *b.* | Ck. *c.* | C. *c. b.* |
| 8 | 72·4 | 73·8 | 60·8 | ·621 | ·624 | ·445 | 49 | 42 | 64 | ... | 0 | 7 | *b.* | Pc. K. Pk. *c.* | Pc. Pk. *c.* |
| 9 | 74·7 | 74·1 | 71·7 | ·711 | ·646 | ·720 | 57 | 46 | 81 | ... | 4 | 6 | C. K. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 10 | 74·9 | 76·0 | 70·0 | ·747 | ·732 | ·691 | 62 | 53 | 84 | ... | 3 | 7 | K. *c.* | Pc. K. *c.* | Pc. Pk. *c.* |
| 11 | 74·3 | 74·9 | 71·2 | ·773 | ·728 | ·732 | 75 | 58 | 89 | 0·02 | 10 | 6 | Pc. K. Pk. *o.* | K. Pk. *c.* | K. Pk. *c.* |
| 12 | 72·3 | 70·7 | 69·8 | ·781 | ·739 | ·710 | 95 | 95 | 90 | 1·70 | 10 | 10 | P. Pk. *o. d. t.* | P. *o. d.* | P. Pk. *o. d.* |
| 13 | 72·9 | 74·1 | 68·8 | ·797 | ·822 | ·685 | 94 | 93 | 90 | 1·20 | 10 | 10 | P. *o. d.* | P. *o. t. r.* | P. *o. t. r.* |
| 14 | 72·3 | 74·9 | 68·5 | ·750 | ·816 | ·683 | 84 | 82 | 94 | 1·94 | 9 | 5 | Pc. K. Pk. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 15 | 72·9 | 75·7 | 68·5 | ·734 | ·793 | ·686 | 73 | 71 | 95 | ... | 3 | 4 | Ck. *c.* | C. Pc. K. *c.* | C. Pc. K. *c.* |
| 16 | 72·9 | 73·1 | 64·8 | ·734 | ·659 | ·597 | 73 | 54 | 91 | ... | 1 | 2 | C. *b.* | C. *b.* | C. *b.* |
| 17 | 73·0 | 75·4 | 65·8 | ·684 | ·758 | ·616 | 60 | 62 | 90 | ... | 1 | 5 | C. *b.* | C. Pc. K. *c.* | Pc. *c.* |
| 18 | 75·6 | 72·0 | 66·7 | ·787 | ·607 | ·627 | 69 | 48 | 90 | ... | 0 | 3 | *b.* | Pc. *c.* | Pc. *c.* |
| 19 | 68·7 | 69·9 | 62·9 | ·536 | ·518 | ·536 | 50 | 39 | 83 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 70·9 | 68·0 | 64·3 | ·641 | ·452 | ·574 | 61 | 36 | 86 | ... | 3 | 3 | C. *c.* | C. *c.* | C. *c.* |
| 21 | 71·9 | 69·2 | 63·6 | ·667 | ·506 | ·556 | 62 | 42 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 70·9 | 69·7 | 61·7 | ·619 | ·528 | ·498 | 56 | 44 | 79 | ... | 0 | 1 | *b.* | C. *b.* | *b.* |
| 23 | 69·4 | 68·9 | 61·3 | ·572 | ·503 | ·494 | 53 | 41 | 78 | ... | 0 | 3 | *b.* | Ck. *c.* | Pc. *c.* |
| 24 | 68·4 | 67·4 | 60·8 | ·529 | ·458 | ·491 | 48 | 38 | 80 | ... | 0 | 3 | *b.* | C. Pc. *c.* | C. Pc. *c.* |
| 25 | 65·9 | 68·7 | 56·8 | ·466 | ·517 | ·411 | 45 | 46 | 75 | ... | 1 | 1 | Cs. *b.* | Cs. *b.* | Cs. *b.* |
| 26 | 63·9 | 64·4 | 53·9 | ·407 | ·355 | ·354 | 40 | 30 | 70 | ... | 0 | 1 | *b.* | C. *b.* | C. *b.* |
| 27 | 67·9 | 62·9 | 56·9 | ·571 | ·324 | ·429 | 61 | 28 | 83 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 65·9 | 65·4 | 55·1 | ·466 | ·408 | ·375 | 45 | 36 | 73 | ... | 2 | 5 | C. *c.* | C. *c.* | C. *c.* |
| 29 | 65·7 | 64·4 | 54·0 | ·461 | ·386 | ·363 | 47 | 35 | 74 | ... | 0 | 1 | *b.* | C. *b.* | C. *c. b.* |
| 30 | 60·8 | 65·7 | 55·9 | ·295 | ·436 | ·404 | 28 | 41 | 79 | ... | 5 | 6 | C. *c.* | C. *c.* | C. *c.* |
| 31 | 63·0 | 64·8 | 55·0 | ·399 | ·419 | ·385 | 42 | 39 | 77 | ... | 5 | 7 | C. *c.* | C. *c.* | C. *c.* |
| Mean | 70·3 | 70·3 | 63·1 | ·605 | ·557 | ·538 | 56 | 47 | 80 | Total 4·86 | 2·42 | 4·16 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·897 | 29·970 | 29·868 | 29·940 | 29·910 | 75·4 | 79·4 | 81·7 | 78·2 | 79·4 | 83·9 | 73·9 | 10·0 | 7·0 | 144·6 | 60·7 | 69·0 | 4·9 | NW | E | NW | NW | 170 |
| 2 | ·931 | ·978 | ·852 | ·926 | ·912 | 76·4 | 81·2 | 80·4 | 78·4 | 79·8 | 85·3 | 75·2 | 10·1 | 4·3 | 144·9 | 59·6 | 69·9 | 5·3 | NW | ENE | NW | NW | 198 |
| 3 | ·893 | ·936 | ·826 | ·893 | ·879 | 77·2 | 81·3 | 82·1 | 77·9 | 80·3 | 84·7 | 76·0 | 8·7 | 4·1 | 148·4 | 63·7 | 72·6 | 3·4 | NNW | N | NW | NNW | 229 |
| 4 | ·879 | ·923 | ·796 | ·864 | ·856 | 76·5 | 79·1 | 81·5 | 78·6 | 79·7 | 84·1 | 75·7 | 8·4 | 4·8 | 139·4 | 55·3 | 71·9 | 3·8 | NNW | N | NW | NW | 222 |
| 5 | ·849 | ·888 | ·777 | ·829 | ·825 | 76·6 | 80·4 | 83·1 | 78·6 | 80·5 | 84·3 | 75·2 | 9·1 | 6·6 | 143·9 | 59·6 | 71·1 | 4·1 | NNE | NE | NW | NNW | 200 |
| 6 | ·811 | ·834 | ·747 | ·839 | ·794 | 77·5 | 81·3 | 82·8 | 79·3 | 81·1 | 85·9 | 76·7 | 9·2 | 6·7 | 142·0 | 56·1 | 71·7 | 5·0 | NNW | NW | NW | NW | 178 |
| 7 | ·838 | ·881 | ·773 | ·849 | ·823 | 79·4 | 83·3 | 84·7 | 80·3 | 82·7 | 86·8 | 78·4 | 8·4 | 9·4 | 142·4 | 55·6 | 76·0 | 2·4 | NNW | ENE | NW | NW | 220 |
| 8 | ·842 | ·886 | ·758 | ·810 | ·812 | 79·3 | 83·6 | 86·0 | 81·2 | 83·2 | 87·3 | 78·5 | 8·8 | 9·9 | 144·4 | 57·1 | 74·6 | 3·9 | NNW | NE | NW | N | 222 |
| 9 | ·790 | ·830 | ·705 | ·713 | ·749 | 78·5 | 84·7 | 85·9 | 81·1 | 83·3 | 87·9 | 77·4 | 10·5 | 9·7 | 144·5 | 56·6 | 70·4 | 7·0 | NNE | NE | NW | N | 242 |
| 10 | ·717 | ·740 | ·603 | ·669 | ·669 | 80·6 | 88·4 | 86·0 | 81·6 | 84·9 | 90·1 | 77·7 | 12·4 | 10·6 | 147·6 | 57·5 | 71·6 | 6·1 | NNE | ENE | NNW | NNE | 248 |
| 11 | ·669 | ·712 | ·564 | ·668 | ·641 | 80·5 | 84·4 | 85·4 | 78·0 | 82·9 | 87·8 | 80·0 | 7·8 | 4·5 | 150·0 | 62·2 | 75·8 | 4·2 | ESE | ENE | NW | NE | 230 |
| 12 | ·632 | ·680 | ·572 | ·681 | ·628 | 77·7 | 81·5 | 83·9 | 77·5 | 81·1 | 87·3 | 74·8 | 12·5 | 7·2 | 148·0 | 60·7 | 71·4 | 3·4 | NNE | ENE | NNW | NNE | 230 |
| 13 | ·677 | ·753 | ·687 | ·810 | ·721 | 75·5 | 80·6 | 81·9 | 77·4 | 79·5 | 86·1 | 75·0 | 11·1 | 10·0 | 141·0 | 54·9 | 70·5 | 4·5 | NNE | NW | WNW | NW | 147 |
| 14 | ·837 | ·894 | ·799 | ·885 | ·843 | 75·9 | 81·5 | 83·2 | 79·3 | 80·6 | 85·3 | 75·0 | 10·3 | 10·8 | 140·2 | 54·9 | 68·8 | 6·2 | S | S | W | S | 168 |
| 15 | ·911 | ·948 | ·847 | ·941 | ·899 | 76·5 | 81·5 | 83·5 | 79·3 | 80·7 | 84·5 | 75·6 | 8·9 | 10·7 | 141·1 | 56·6 | 70·9 | 4·7 | SSE | SSE | WNW | NNW | 170 |
| 16 | ·968 | 30 000 | ·882 | ·949 | ·940 | 76·7 | 81·3 | 84·9 | 80·4 | 81·7 | 86·7 | 76·2 | 10·5 | 10·9 | 142·7 | 56·0 | 70·2 | 6·0 | NNE | ENE | NW | NNW | 183 |
| 17 | ·947 | 29·996 | ·873 | ·921 | ·926 | 78·1 | 83·2 | 83·5 | 80·6 | 82·0 | 87·2 | 76·9 | 10·3 | 8·7 | 142·9 | 55·7 | 71·7 | 5·2 | NNW | SE | WNW | NNW | 131 |
| 18 | ·901 | ·947 | ·827 | ·894 | ·881 | 78·6 | 84·6 | 84·5 | 80·5 | 82·9 | 87·9 | 78·1 | 9·8 | 8·9 | 142·1 | 54·2 | 70·9 | 7·2 | N | ENE | NW | NNW | 191 |
| 19 | ·879 | ·931 | ·830 | ·896 | ·875 | 79·4 | 84·1 | 84·1 | 79·7 | 82·5 | 87·8 | 78·5 | 9·3 | 8·5 | 141·1 | 53·3 | 73·8 | 4·7 | N | NE | NW | NNE | 218 |
| 20 | ·885 | ·916 | ·830 | ·903 | ·873 | 77·6 | 84·6 | 85·9 | 81·4 | 83·1 | 86·9 | 76·0 | 10·9 | 10·5 | 142·3 | 55·4 | 73·3 | 2·7 | N | ENE | NW | NNW | 182 |
| 21 | ·898 | ·948 | ·829 | ·894 | ·882 | 79·0 | 84·8 | 86·7 | 81·6 | 83·9 | 88·6 | 76·8 | 11·8 | 9·2 | 145·0 | 56·4 | 69·9 | 6·9 | ENE | E | NW | NNE | 210 |
| 22 | ·883 | ·927 | ·821 | ·907 | ·873 | 79·5 | 85·5 | 86·3 | 80·7 | 84·4 | 90·7 | 77·9 | 12·8 | 10·4 | 147·9 | 57·2 | 68·9 | 9·0 | ENE | E | NW | N | 249 |
| 23 | ·886 | ·922 | ·807 | ·880 | ·864 | 78·8 | 85·1 | 86·1 | 80·8 | 83·9 | 91·1 | 77·8 | 13·3 | 10·5 | 148·1 | 57·0 | 69·1 | 8·7 | NE | ENE | NW | NNW | 252 |
| 24 | ·877 | ·925 | ·829 | ·897 | ·872 | 78·5 | 84·4 | 86·4 | 79·6 | 83·8 | 90·8 | 76·8 | 14·0 | 10·6 | 146·7 | 55·9 | 67·3 | 9·5 | NE | ENE | NW | NNE | 245 |
| 25 | ·884 | ·953 | ·832 | ·882 | ·879 | 76·7 | 82·8 | 85·9 | 79·9 | 82·4 | 88·9 | 76·0 | 12·9 | 10·5 | 145·0 | 56·1 | 67·0 | 9·0 | ENE | ENE | NW | N | 252 |
| 26 | ·879 | ·926 | ·797 | ·865 | ·856 | 77·4 | 84·1 | 87·4 | 78·5 | 83·6 | 91·4 | 76·0 | 15·4 | 10·5 | 147·5 | 56·1 | 66·0 | 10·0 | E | ENE | WNW | NNE | 296 |
| 27 | ·883 | ·915 | ·792 | ·870 | ·853 | 78·4 | 84·5 | 87·3 | 78·8 | 84·1 | 92·1 | 76·7 | 15·4 | 10·7 | 147·9 | 55·8 | 64·0 | 12·7 | ENE | ENE | NW | NNE | 340 |
| 28 | ·880 | ·921 | ·804 | ·885 | ·861 | 76·7 | 84·0 | 85·6 | 78·7 | 83·1 | 91·2 | 75·0 | 16·2 | 10·4 | 147·6 | 56·4 | 63·0 | 12·0 | ENE | ENE | NNW | N | 307 |
| 29 | ·875 | ·932 | ·812 | ·885 | ·866 | 76·4 | 82·9 | 84·0 | 78·4 | 81·5 | 89·9 | 75·0 | 14·9 | 9·5 | 147·4 | 57·5 | 63·0 | 12·0 | ENE | ENE | NW | NNW | 279 |
| 30 | ·872 | ·917 | ·802 | ·872 | ·856 | 76·4 | 82·0 | 83·7 | 77·5 | 81·0 | 90·1 | 74·8 | 15·3 | 10·8 | 146·6 | 56·5 | 64·0 | 10·8 | ENE | ENE | WNW | NNE | 342 |
| 31 | ·853 | ·914 | ·762 | ·837 | ·828 | 72·3 | 79·9 | 83·2 | 76·5 | 79·1 | 88·4 | 71·7 | 16·7 | 10·6 | 147·5 | 59·1 | 64·0 | 7·7 | E | ENE | NW | NNE | 308 |
| Mean | 29 852 | 29·898 | 29·784 | 29·857 | 29·837 | 77·5 | 82·9 | 84·4 | 79·4 | 82·0 | 87·8 | 76·3 | 11·5 | Total 277· | 44·9 | 57·1 | 69·8 | 6·6 | ... | ... | ... | ... | 227·7 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 73·8 | 76·4 | 75·9 | 74·4 | 75·5 | 72·7 | ·813 | ·870 | ·818 | ·801 | ·826 | ·789 | 93 | 87 | 76 | 83 | 85 | 94 | ... | 3 | 10 | 4 | 4 | K.Ck. *b* | Pk.K. Ck. *c.o.* | K.Ck. *c.* |
| 2 | 74·1 | 75·4 | 74·7 | 75·4 | 74·7 | 73·1 | ·812 | ·803 | ·783 | ·840 | ·809 | ·787 | 90 | 75 | 76 | 86 | 82 | 90 | ... | 10 | 5 | 10 | 10 | K. Ck. *o.* | K.Ck. *c.o.* | K. Ck. *o.* |
| 3 | 74·4 | 76·2 | 76·3 | 74·7 | 75·8 | 73·8 | ·814 | ·836 | ·830 | ·818 | ·825 | ·805 | 87 | 78 | 76 | 86 | 82 | 90 | ... | 9 | 10 | 1 | 6 | Pk. K. | Pk.K. *o.* | K.Ck. *c.* |
| 4 | 74·2 | 75·3 | 76·1 | 75·1 | 75·4 | 73·8 | ·815 | ·827 | ·828 | ·825 | ·824 | ·808 | 90 | 83 | 77 | 84 | 83 | 91 | ... | 8 | 10 | 2 | 10 | Pk.K.Ck.*c.* | Pk. K. Ck.*o.* | Pk.K.Ck. *o.* |
| 5 | 74·6 | 76·5 | 78·1 | 76·8 | 76·9 | 73·7 | ·830 | ·846 | ·896 | ·899 | ·868 | ·812 | 90 | 83 | 79 | 92 | 86 | 93 | ... | 7 | 10 | 1 | 2 | K. Ck. *c.* | Pk. K. Ck.*o.* | Ck. C. *b* |
| 6 | 76·2 | 77·5 | 78·9 | 77·8 | 78·1 | 75·4 | 888 | ·893 | ·933 | ·933 | ·912 | ·864 | 94 | 84 | 83 | 93 | 89 | 94 | ... | 8 | 3 | 8 | 9 | Pk. K. Ck. *b* | Pk.K.Ck. | Pk.K. Ck. *c.b* |
| 7 | 77·5 | 79·0 | 80·2 | 78·5 | 79·2 | 76·7 | ·917 | ·934 | ·971 | ·951 | ·943 | ·898 | 91 | 82 | 81 | 92 | 86 | 92 | ... | 10 | 3 | 1 | 2 | Pk.K.*o.b* | Pk.K.Ck*.c.* | K.Ck.*c.b* |
| 8 | 78·1 | 79·3 | 81·2 | 78 8 | 79·8 | 77·3 | ·948 | ·943 | 1·001 | ·951 | ·961 | ·923 | 94 | 82 | 80 | 89 | 86 | 94 | ... | 9 | 1 | 0 | 0 | K.Ck.*b* | K. Ck. *c.* | *b.b* |
| 9 | 76·6 | 76·7 | 80·0 | 75·2 | 77·5 | 75·2 | ·890 | ·811 | ·944 | ·794 | ·860 | ·846 | 91 | 68 | 76 | 74 | 77 | 90 | ... | 8 | 8 | 6 | 3 | K.Ck.*c.b* | K.Ck. *c.* | K.Ck. |
| 10 | 73·3 | 76·5 | 79·2 | 77·6 | 77·2 | 72·8 | ·723 | ·752 | ·906 | ·893 | ·819 | ·739 | 69 | 56 | 73 | 83 | 70 | 78 | 0·13 | 2 | 2 | 3 | 10 | K.Ck. *c.* | Pk.K.Ck.*c.* | Pk.K. Ck.*c.o.r.* R |
| 11 | 77·5 | 78·5 | 79·6 | 76·3 | 78·3 | 76·0 | ·904 | ·895 | ·932 | ·886 | ·904 | ·845 | 87 | 76 | 77 | 92 | 83 | 82 | 2·57 | 10 | 7 | 6 | 10 | K.Ck. *c.o* | Pk.K.Ck. *c.t.* | Pk.K *o.r.* R |
| 12 | 75·6 | 76·6 | 79·0 | 75 4 | 77·2 | 72·4 | ·859 | ·848 | ·925 | ·853 | ·871 | ·763 | 91 | 79 | 79 | 91 | 85 | 88 | 0·05 | 10 | 8 | 3 | 9 | Pk. K. *o.r.* V | Pk.K.Ck.*c.* | Pk. K. Ck.*r.t.* V |
| 13 | 73·5 | 75·2 | 76·0 | 75·3 | 75·3 | 72·6 | ·800 | ·801 | ·818 | ·850 | ·817 | ·769 | 91 | 76 | 75 | 91 | 83 | 88 | ... | 4 | 6 | 7 | 2 | K..Ck.*c.* V | K.Ck. *c.* | K.Ck. |
| 14 | 74·4 | 77·8 | 77·7 | 77·5 | 77·0 | 73·7 | ·831 | ·904 | ·875 | ·920 | ·882 | ·814 | 93 | 84 | 77 | 92 | 87 | 94 | ... | 1 | 1 | 1 | 0 | K. Ck. | K. C. | K. |
| 15 | 74·6 | 76·7 | 77·5 | 77·2 | 76·5 | 73·9 | ·830 | ·855 | ·863 | ·907 | 864 | ·815 | 91 | 80 | 74 | 91 | 84 | 92 | ... | 1 | 1 | 0 | 0 | K. Ck. | K.Ck. *c.* | *b.* |
| 16 | 74·6 | 77·9 | 77·4 | 76·5 | 76·9 | 74·2 | ·830 | ·909 | ·840 | ·860 | ·860 | ·819 | 91 | 85 | 70 | 83 | 82 | 91 | ... | 1 | 0 | 2 | 6 | K. C.*b* | K. Ck. *c.* | K C. |
| 17 | 76·5 | 79·4 | 77·0 | 77·7 | 78·0 | 75·4 | ·893 | ·953 | ·841 | ·969 | ·899 | ·861 | 93 | 84 | 73 | 87 | 84 | 93 | ... | 6 | 2 | 4 | 0 | K.Ck.*c.b* | K. Ck. *c.* | *b.* |
| 18 | 76·4 | 79·7 | 79·2 | 78·5 | 78·6 | 73·8 | ·882 | ·945 | ·927 | ·949 | ·926 | ·777 | 90 | 79 | 78 | 91 | 85 | 81 | ... | 7 | 6 | 2 | 0 | K. Ck. *c.* | K.Ck. *c.t.* | K. |
| 19 | 77·0 | 77·6 | 79·6 | 75·4 | 77·9 | 74·6 | ·895 | ·859 | ·950 | ·823 | ·882 | ·804 | 89 | 74 | 81 | 81 | 81 | 82 | ... | 4 | 2 | 1 | 3 | K.Ck. *c.* | K. Ck. C. | K.Ck. *t.* V |
| 20 | 74·1 | 77·8 | 79·3 | 76·1 | 77·4 | 73·4 | ·796 | ·861 | ·912 | ·830 | ·850 | ·789 | 84 | 74 | 74 | 77 | 77 | 87 | 0·04 | 0 | 0 | 0 | 10 | K. *b* | K. | Pk.K. *o.r.* |
| 21 | 75·9 | 78·5 | 79·1 | 76·2 | 77·9 | 73·6 | ·855 | ·890 | ·893 | ·831 | ·867 | ·787 | 87 | 75 | 70 | 77 | 77 | 85 | ... | 0 | 6 | 0 | 1 | Ck. *b* | K.Ck. | K. Ck. |
| 22 | 75·7 | 76·6 | 78·5 | 73·2 | 76·4 | 71·8 | ·839 | ·795 | ·870 | ·717 | ·805 | ·699 | 84 | 65 | 69 | 68 | 72 | 74 | ... | 0 | 0 | 0 | 0 | Ck. C.*b* | K. | *b.* |
| 23 | 74·2 | 74·5 | 78·7 | 76·7 | 76·5 | 71·8 | ·784 | ·713 | ·879 | ·865 | ·810 | ·699 | 80 | 59 | 70 | 83 | 73 | 74 | ... | 1 | 2 | 1 | 0 | K. Ck.*b* | K. Ck. *c.* | *b.* |
| 24 | 71·0 | 73·0 | 77·5 | 70·9 | 73·1 | 70·3 | ·659 | ·658 | ·822 | ·641 | ·695 | ·654 | 68 | 56 | 65 | 63 | 63 | 70 | ... | 2 | 0 | 0 | 2 | Ck.C. | K. C. | K. C. |
| 25 | 72·6 | 72·4 | 76·4 | 72·1 | 73·8 | 69·3 | ·747 | ·655 | ·783 | ·683 | ·717 | ·628 | 82 | 58 | 63 | 67 | 68 | 70 | ... | 0 | 5 | 0 | 0 | Ck. | Ck. C. | *b.* |
| 26 | 68·6 | 69·6 | 76·3 | 69·3 | 70·9 | 68·0 | ·582 | ·530 | ·758 | ·594 | ·616 | ·579 | 62 | 45 | 58 | 60 | 56 | 64 | ... | 1 | 0 | 0 | 0 | K.Ck. | Ck. C. | *b.* |
| 27 | 70·5 | 69·6 | 77·6 | 71·9 | 72·0 | 66·4 | ·639 | ·523 | ·816 | ·689 | ·667 | ·511 | 66 | 44 | 63 | 70 | 61 | 55 | ... | 0 | 0 | 0 | 0 | Ck. | Ck. C. | *b.* |
| 28 | 68·6 | 72·0 | 76·5 | 71·8 | 71·3 | 67·8 | ·592 | ·625 | ·791 | ·686 | ·674 | ·585 | 65 | 54 | 65 | 70 | 63 | 67 | ... | 2 | 2 | 3 | 0 | K.Ck. | Ck. C. | *b.* |
| 29 | 69·5 | 70·5 | 74·4 | 74·7 | 73·0 | 67·9 | ·628 | ·579 | ·723 | ·810 | ·685 | ·589 | 69 | 52 | 62 | 83 | 67 | 68 | ... | 5 | 4 | 4 | 0 | K. Ck. *c.* | K.Ck. *c.* | Ck. C. |
| 30 | 65 6 | 70·1 | 74·6 | 71·6 | 71·1 | 65·2 | ·487 | ·575 | ·735 | ·695 | ·623 | ·495 | 54 | 52 | 64 | 74 | 61 | 57 | ... | 4 | 1 | 4 | 0 | K. Ck. *c.* | K.Ck. *c.* | Ck. |
| 31 | 66·0 | 69·1 | 72·4 | 69·5 | 69·9 | 65·1 | ·556 | ·567 | ·651 | ·628 | ·600 | ·533 | 70 | 56 | 57 | 69 | 63 | 69 | ... | 1 | 2 | 5 | 2 | K. C. | K.Ck. *c.* | Ck. C. |
| Mean | 73·7 | 75·5 | 77·6 | 75·1 | 75·8 | 72·3 | ·785 | ·789 | ·855 | ·817 | ·812 | ·745 | 83 | 70 | 72 | 81 | 77 | 82 | Total 2·79 | 4·32 | 3·77 | 2·55 | 3·26 | ... | ... | .. |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·922 | 29·817 | 29·944 | 29·886 | 82·0 | 84·9 | 81·8 | 81·3 | 93·4 | 77·4 | 16·0 | 148·2 | 54·8 | 73·9 | 3·5 | WSW | S by E | 60 | 56 | 116 |
| 2 | ·922 | ·796 | ·913 | ·868 | 87·9 | 85·6 | 81·2 | 83·4 | 93·7 | 79·3 | 14·4 | 146·2 | 52·5 | 76·7 | 2·6 | SSW | S | 59 | 33 | 92 |
| 3 | ·886 | ·744 | ·863 | ·820 | 88·6 | 86·8 | 79·8 | 83·1 | 90·5 | 77·6 | 12·9 | 154·4 | 63·9 | 75·4 | 2·2 | S | SE | 39 | 39 | 78 |
| 4 | ·870 | ·733 | ·839 | ·804 | 89·7 | 90·4 | 80·4 | 83·6 | 92·8 | 74·8 | 18·0 | 153·5 | 60·7 | 74·1 | 0·7 | ENE | ENE | 35 | 67 | 102 |
| 5 | ·846 | ·707 | ·820 | ·781 | 89·3 | 87·7 | 82·9 | 84·5 | 91·7 | 78·4 | 13·3 | 150·8 | 59·1 | 75·5 | 2·9 | NE by N | NE | 39 | 46 | 85 |
| 6 | ·817 | ·693 | ·824 | ·769 | 87·9 | 87·7 | 84·3 | 84·6 | 92·5 | 78·8 | 13·7 | 154·2 | 61·7 | 76·7 | 2·1 | ENE | E | 18 | 58 | 76 |
| 7 | ·887 | ·744 | ·845 | ·814 | 77·8 | 80·5 | 78·5 | 78·4 | 81·4 | 76·9 | 4·5 | 121·4 | 40·0 | 75·7 | 1·2 | SW by S | NNW | 36 | 42 | 78 |
| 8 | ·858 | ·738 | ·787 | ·785 | 76·8 | 75·8 | 73·6 | 75·5 | 77·7 | 75·8 | 1·9 | 91·2 | 13·5 | 74·9 | 0·9 | NNW | NNW | 56 | 108 | 164 |
| 9 | ·696 | ·658 | ·759 | ·701 | 75·0 | 82·3 | 79·2 | 77·2 | 84·1 | 72·8 | 11·3 | 126·7 | 42·6 | 72·7 | 0.1 | WSW | S | 198 | 132 | 330 |
| 10 | ·837 | ·709 | ·823 | ·780 | 81·6 | 83·0 | 80·8 | 79·3 | 86·1 | 72·3 | 13·8 | 130·6 | 44·5 | 71·8 | 0·5 | SSW | SSE | 52 | 108 | 160 |
| 11 | ·854 | ·736 | .841 | ·801 | 82·8 | 84·0 | 80·8 | 80·8 | 87·5 | 75·9 | 11·6 | 146·5 | 59·0 | 74·1 | 1·8 | S by W | SSE | 56 | 79 | 135 |
| 12 | ·846 | ·734 | ·813 | ·790 | 85·8 | 84·9 | 80·8 | 82·1 | 88·2 | 77·3 | 10·9 | 144·6 | 56·4 | 75·9 | 1·4 | S by W | SSE | 81 | 89 | 170 |
| 13 | ·890 | ·779 | ·901 | ·849 | 85·0 | 84·8 | 81·8 | 82·1 | 88·2 | 77·3 | 10·9 | 145·8 | 57·6 | 76.2 | 1·1 | S | SSE | 98 | 99 | 197 |
| 14 | ·960 | ·828 | ·951 | ·903 | 87·1 | 84·5 | 79·2 | 82·2 | 89·9 | 78·3 | 11·6 | 151·5 | 61·6 | 75·9 | 2·4 | S by W | S by E | 64 | 57 | 121 |
| 15 | ·982 | ·868 | 30·003 | ·942 | 85·8 | 86·2 | 79·6 | 81·8 | 89·3 | 76·3 | 13·0 | 141·6 | 52·3 | 74·7 | 1·6 | SSW | SE by E | 22 | 53 | 75 |
| 16 | 30·013 | ·876 | 29·964 | ·939 | 84·8 | 86·0 | 78·8 | 81·6 | 89·0 | 77·0 | 12·0 | 139·3 | 50·3 | 74·9 | 2·1 | ESE | E by S | 14 | 33 | 47 |
| 17 | 29·976 | ·859 | ·968 | ·924 | 86·2 | 79·1 | 76·8 | 79·6 | 89·8 | 76·7 | 13·1 | 154·5 | 64·7 | 73·3 | 3·4 | SE by S | WSW | 36 | 44 | 80 |
| 18 | ·927 | ·837 | ·918 | ·886 | 81·2 | 82·8 | 79·8 | 79·6 | 87·1 | 75·0 | 12·1 | 140·8 | 53·7 | 73·7 | 1·3 | NW by W | NNE | 52 | 91 | 143 |
| 19 | ·964 | ·809 | ·916 | ·883 | 81·4 | 83·6 | 80·8 | 79·5 | 89·5 | 72·8 | 16·7 | 144·9 | 55·4 | 69·9 | 2·9 | N | N by E | 46 | 85 | 131 |
| 20 | ·939 | ·839 | ·934 | ·895 | 87·0 | 80·8 | 78·2 | 79·7 | 88·0 | 74·0 | 14·0 | 146·6 | 58·6 | 71·1 | 2·9 | NE by N | NE by N | 44 | 62 | 106 |
| 21 | ·999 | ·872 | ·950 | ·929 | 77·2 | 74·8 | 74·8 | 75·4 | 77·5 | 74·8 | 2·7 | 89·6 | 12·1 | 73·7 | 1·1 | NE by N | NW by N | 33 | 33 | 66 |
| 22 | ·957 | ·852 | ·934 | ·905 | 79·2 | 82·8 | 76·8 | 78·0 | 83·0 | 73·6 | 9·4 | 142·9 | 59·9 | 72·9 | 0·7 | NNW | N | 41 | 20 | 61 |
| 23 | ·938 | ·835 | ·928 | ·891 | 83·2 | 85·6 | 78·8 | 80·4 | 87·9 | 74·5 | 13·4 | 145·1 | 57·2 | 72·2 | 2·3 | NNE | NE by E | 40 | 64 | 104 |
| 24 | ·936 | ·820 | ·940 | ·889 | 83·4 | 81·8 | 75·0 | 78·8 | 89·0 | 75·4 | 13·6 | 149·3 | 60·3 | 74·1 | 1·3 | N by W | N by E | 62 | 47 | 109 |
| 25 | ·963 | ·831 | ·944 | ·902 | 79·2 | 82·9 | 77·2 | 78·0 | 84·4 | 73·2 | 11·2 | 140·7 | 56·3 | 72·9 | 0·3 | N by W | NE by N | 58 | 64 | 122 |
| 26 | ·921 | ·806 | ·909 | ·869 | 82·9 | 84·9 | 77·7 | 79·8 | 87·7 | 73·9 | 13·8 | 145·1 | 57·4 | 72·3 | 1·6 | N | E by N | 49 | 80 | 129 |
| 27 | ·917 | ·791 | ·899 | ·858 | 81·8 | 80·6 | 76·0 | 78·3 | 88·4 | 75·0 | 13·4 | 146·0 | 57·6 | 72·9 | 2·1 | NE by E | E by N | 57 | 86 | 143 |
| 28 | ·945 | ·825 | ·883 | ·874 | 73·4 | 73·8 | 74·8 | 74·0 | 75·1 | 73·8 | 1·3 | 77·5 | 2·4 | 73·5 | 0·3 | NE | NE by N | 61 | 53 | 114 |
| 29 | ·879 | 761 | ·826 | ·812 | 73·0 | 75·8 | 75·8 | 74·5 | 76·0 | 73·2 | 2·8 | 82·3 | 6·3 | 72·9 | 0·3 | N by E | NNE | 115 | 153 | 268 |
| 30 | ·813 | ·706 | ·790 | ·761 | 73·8 | 74·6 | 72·9 | 73·4 | 74·3 | 72·4 | 1·9 | 96·9 | 22·6 | 72·4 | 0 | NNW | NNW | 103 | 166 | 269 |
| 31 | ·767 | ·620 | ·773 | ·707 | 73·8 | 75·9 | 74·5 | 74·1 | 75·4 | 72·1 | 3·3 | 93·3 | 17·9 | 71·1 | 1·0 | NW by N | NW by N | 163 | 155 | 318 |
| Mean | 29·901 | 29·781 | 29·884 | 29·846 | 82·0 | 82·4 | 78·6 | 79·5 | 86·1 | 75·4 | 10·7 | 133·3 | 47·5 | 73·8 | 1·6 | ... | ... | 60·9 | 74·3 | 135·1 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 77·3 | 80·5 | 78·9 | 77·5 | 73·0 | ·871 | ·983 | ·950 | ·894 | ·754 | 81 | 81 | 87 | 85 | 82 | ... | 9 | 8 | K. *cloudy.* | K. *cloudy.* |
| 2 | 79·8 | 79·8 | 79·1 | 79·1 | 77·1 | ·895 | ·940 | ·968 | ·937 | ·902 | 66 | 77 | 91 | 82 | 91 | ... | 4 | 5·5 | K. *b. c.* | K. *c.* |
| 3 | 79·8 | 79·4 | 78·2 | 78·6 | 76·8 | ·932 | ·905 | ·945 | ·918 | ·916 | 67 | 70 | 93 | 81 | 98 | ... | 3 | 6·5 | K. *b. c.* | K. *c.* |
| 4 | 79·8 | 78·7 | 77·8 | 77·8 | 74·3 | ·885 | ·824 | ·919 | ·877 | ·842 | 63 | 58 | 89 | 77 | 97 | ... | 4 | 2 | K. *c.* | Cs. *b.* |
| 5 | 78·0 | 78·2 | 78·8 | 77·9 | 76·6 | ·807 | ·826 | ·920 | ·867 | ·893 | 58 | 64 | 83 | 74 | 93 | ... | 3 | 7 | C. *b. c.* | K. *cloudy.* |
| 6 | 76·6 | 79·0 | 77·8 | 77·7 | 77·0 | ·764 | ·875 | ·866 | ·857 | ·905 | 58 | 67 | 74 | 72 | 93 | 0·01 | 6 | 8 | K. *c.* | K. *cloudy.* |
| 7 | 76·0 | 76·9 | 75·6 | 75·9 | 75·1 | ·857 | ·877 | ·846 | ·862 | ·848 | 93 | 85 | 87 | 89 | 93 | 0·34 | 10 | 8 | *o.* | K. *cloudy.* |
| 8 | 75·9 | 74·7 | 72·8 | 74·7 | 75·4 | ·884 | ·858 | ·798 | ·848 | ·904 | 95 | 95 | 97 | 98 | 99 | 3·15 | 10 | 10 | *t. o.* ≺ | *o.* |
| 9 | 74·1 | 76·6 | 78·2 | 75·5 | 72·5 | ·832 | ·838 | ·953 | ·865 | ·796 | 95 | 76 | 95 | 92 | 99 | 4·44 | 10 | 8·5 | Cyclone. *t. o.* ≺ | K. *cloudy.* ≺ |
| 10 | 77·4 | 79·8 | 78·1 | 77·0 | 71·9 | ·886 | ·974 | ·927 | ·898 | ·778 | 82 | 87 | 89 | 91 | 99 | 0·67 | 9 | 5·5 | *Cloudy. t.* ≺ | K. *c.* |
| 11 | 77·8 | 78·9 | 78·5 | 77·7 | 75·1 | ·886 | ·916 | ·945 | ·909 | ·862 | 79 | 79 | 90 | 87 | 98 | ... | 5 | 4 | C. *c.* | K. *b. c.* |
| 12 | 79·2 | 78·8 | 77·8 | 78·2 | 76·7 | ·910 | ·903 | ·914 | ·913 | ·912 | 74 | 67 | 87 | 83 | 98 | ... | 5 | 1 | K. *c.* | K. *b.* |
| 13 | 77·8 | 79·8 | 78·0 | 77·9 | 75·3 | ·857 | ·951 | ·909 | ·897 | ·851 | 71 | 79 | 84 | 83 | 92 | ... | 3 | 1 | K. *b. c.* | K. *b.* |
| 14 | 80·0 | 78·2 | 77·2 | 78·2 | 77·2 | ·930 | ·881 | ·908 | ·889 | ·910 | 72 | 74 | 81 | 77 | 95 | ... | 3 | 3 | K. *b. c.* | K. *b. c.* |
| 15 | 80·8 | 80·0 | 76·8 | 78·5 | 75·9 | ·985 | ·941 | ·886 | ·932 | ·891 | 80 | 76 | 88 | 85 | 99 | ... | 3 | 4 | K. *b. c.* | K. *b. c.* |
| 16 | 79·6 | 78·8 | 77·0 | 77·9 | 75·7 | ·941 | ·890 | ·905 | ·904 | ·873 | 79 | 72 | 92 | 84 | 94 | ... | 5 | 2 | K. *c.* | K. *b.* |
| 17 | 78·0 | 74·8 | 75·2 | 76·0 | 75·9 | ·849 | ·806 | ·854 | ·851 | ·886 | 67 | 79 | 93 | 84 | 99 | 0·19 | 5 | 5·5 | K. *c.* | *c. t.* ≺ |
| 18 | 77·8 | 75·3 | 74·4 | 75·3 | 73·7 | ·908 | ·776 | ·779 | ·821 | ·816 | 85 | 69 | 76 | 81 | 94 | ... | 8 | 6 | K. *cloudy.* | K. *c.* |
| 19 | 76·4 | 75·0 | 74·8 | 74·9 | 72·8 | ·843 | ·753 | ·783 | ·805 | ·808 | 78 | 65 | 74 | 80 | 100 | ... | 9 | 6 | K. *cloudy.* | K. *c.* |
| 20 | 78·0 | 77·6 | 76·8 | 76·4 | 72·8 | ·838 | ·905 | ·904 | ·864 | ·792 | 65 | 87 | 93 | 86 | 94 | 0·15 | 6 | 7·5 | K. *c.* | K. *cloudy t.* ≺ |
| 21 | 75·8 | 73·9 | 74·4 | 74·4 | 73·3 | ·874 | ·826 | ·847 | ·839 | ·801 | 93 | 95 | 98 | 95 | 95 | 0·46 | 9 | 9·5 | *Cloudy t.* ≺ | *Cloudy.* |
| 22 | 77·0 | 77·8 | 76·0 | 76·0 | 72·7 | ·899 | ·887 | ·889 | ·872 | ·793 | 90 | 79 | 96 | 91 | 98 | 0·63 | 8 | 6·5 | *Cloudy.* | K. *cloudy t.* ≺ |
| 23 | 78·3 | 79·3 | 76·4 | 76·8 | 73·7 | ·900 | ·917 | ·878 | ·875 | ·823 | 79 | 75 | 89 | 85 | 96 | 0·18 | 6 | 6 | K. *c.* | K. *c.* ≺ |
| 24 | 79·1 | 77·2 | 73·6 | 76·1 | 74·2 | ·937 | ·891 | ·811 | ·865 | ·830 | 82 | 81 | 93 | 88 | 94 | 0·24 | 6 | 8·5 | K. *c. t.* ≺ | *Cloudy t.* ≺ |
| 25 | 76·4 | 78·1 | 75·8 | 75·7 | 71·9 | ·873 | ·927 | ·874 | ·859 | ·766 | 88 | 79 | 93 | 90 | 94 | 1·42 | 8 | 9 | *Cloudy t.* ≺ | K. *cloudy* ≺ |
| 26 | 78·9 | 77·4 | 76·3 | 76·1 | 71·8 | ·935 | ·840 | ·889 | ·852 | ·753 | 83 | 70 | 93 | 84 | 90 | 0·31 | 6 | 6 | *c. t.* ≺ | K. *c.* ≺ |
| 27 | 77·7 | 76·8 | 74·8 | 75·7 | 72·9 | ·865 | ·872 | ·847 | ·855 | ·778 | 83 | 84 | 94 | 88 | 90 | 1·08 | 7 | 9·5 | K. *cloudy.* | *Cloudy.* |
| 28 | 73·0 | 73·1 | 73·9 | 72·9 | 71·7 | ·808 | ·907 | ·825 | ·796 | ·750 | 98 | 98 | 95 | 95 | 90 | 5·75 | 10 | 10 | ● | ● *t.* ≺ |
| 29 | 71·9 | 74·7 | 74·8 | 73·4 | 71·7 | ·769 | ·846 | ·850 | ·810 | ·758 | 95 | 95 | 96 | 95 | 94 | 2·97 | 10 | 10 | *o. r.* | *o. r.* |
| 30 | 72·8 | 72·2 | 71·5 | 72·1 | 71·7 | ·794 | ·759 | ·754 | ·772 | ·769 | 95 | 88 | 93 | 94 | 97 | 2·17 | 10 | 10 | *o. r.* | *o.* |
| 31 | 72·3 | 72·9 | 73·3 | 72·4 | 70·9 | ·774 | ·770 | ·805 | ·775 | ·742 | 93 | 86 | 95 | 92 | 94 | 0·20 | 10 | 10 | *o.* | *o.* |
| Mean | 77·1 | 77·2 | 76·2 | 76·3 | 74·2 | ·871 | ·873 | ·876 | ·864 | ·829 | 80 | 79 | 90 | 86 | 95 | Total. 24·36 | 6·77 | 6·58 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN OCTOBER 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·881 | 75·6 | 73·7 | ·815 | 91 | *Nil* | *Nil* | 5·5 | 2 | 4·5 | 8 | 1 | 4·5 | 5 | 6·5 | 7 | No interpolated values. Registers complete. |
| 1 | ·869 | 75·3 | 73·6 | ·814 | 92 | 0·29 | 1 | 6 | 1 | 11 | 6 | 3 | 3·5 | 5 | 9 | 5 | |
| 2 | ·864 | 75·2 | 73·6 | ·814 | 92 | 0·02 | 1 | 8 | 3 | 11 | 6 | 3 | 4 | 7 | 10·5 | 6 | |
| 3 | ·856 | 75·1 | 73·4 | ·811 | 92 | *Nil* | *Nil* | 10·5 | 1 | 11·5 | 7 | 3 | 3 | 7 | 8 | 5 | |
| 4 | ·857 | 74·9 | 73·2 | ·801 | 92 | 0·45 | 1 | 10 | 4 | 11 | 5 | 4 | 5 | 7 | 6·5 | 5 | |
| 5 | ·864 | 74·8 | 73·1 | ·802 | 91 | 0·04 | 1 | 13·5 | 5 | 17 | 1·5 | 5 | 4 | 9 | 6 | 5 | |
| 6 | ·884 | 74·6 | 72·9 | ·796 | 91 | *Nil* | *Nil* | 10·5 | 3 | 15 | 2 | 5·5 | 3 | 7 | 6 | 6 | |
| 7 | ·902 | 76·0 | 74·0 | ·823 | 91 | 0·02 | 1 | 16 | 3 | 18 | 6 | 7 | 7 | 12 | 17 | 0 | |
| 8 | ·927 | 78·1 | 74·5 | ·812 | 84 | 0·01 | 1 | 23 | 4 | 18 | 18 | 9 | 4 | 19 | 23·5 | 0 | |
| 9 | ·940 | 80·1 | 74·7 | ·796 | 76 | *Nil* | *Nil* | 38 | 4 | 16 | 10 | 16 | 6 | 18 | 20 | 0 | |
| 10 | ·945 | 81·6 | 75·0 | ·788 | 73 | 0·19 | 2 | 32 | 16 | 19 | 15 | 14 | 1 | 21 | 21 | 0 | |
| 11 | ·922 | 82·6 | 75·0 | ·773 | 69 | 0·05 | 1 | 35 | 15 | 26 | 13 | 18 | 13 | 6 | 25 | 0 | |
| Noon | ·398 | 83·1 | 74·6 | ·751 | 66 | *Nil* | *Nil* | 27 | 21 | 23 | 21 | 19 | 29 | 11 | 27 | 0 | |
| 13 | ·864 | 83·7 | 75·0 | ·755 | 65 | ,, | ,, | 34 | 9 | 23 | 11 | 33 | 24 | 15 | 23 | 0 | |
| 14 | ·843 | 83·8 | 74·2 | ·749 | 64 | 1·10 | 1 | 42 | 9 | 19 | 5 | 24 | 28 | 12 | 21 | 0 | |
| 15 | ·824 | 83·7 | 74·8 | ·753 | 65 | 0·02 | 1 | 33 | 5 | 15 | 3 | 21 | 25 | 18 | 35 | 0 | |
| 16 | ·826 | 83·2 | 74·5 | ·745 | 66 | 0·13 | 1 | 28 | 5 | 9 | 9 | 16 | 7 | 6 | 37 | 0 | |
| 17 | ·829 | 81·6 | 74·9 | ·781 | 72 | 0·03 | 1 | 13 | 1 | 12 | 13 | 8 | 3 | 4 | 16·5 | 4 | |
| 18 | ·842 | 79·2 | 74·9 | ·816 | 81 | *Nil* | *Nil* | 9·5 | 0 | 4 | 11 | 12 | 7 | 7 | 11·5 | 4 | |
| 19 | ·858 | 77·9 | 74·8 | ·829 | 86 | ,, | ,, | 6·5 | 0 | 4 | 5 | 9 | 8 | 6 | 9·5 | 6 | |
| 20 | ·884 | 77·1 | 74·4 | ·822 | 87 | ,, | ,, | 11·5 | 2 | 2 | 7 | 11·5 | 5 | 4 | 7·5 | 4 | |
| 21 | ·894 | 76·6 | 74·2 | ·820 | 89 | ,, | ,, | 8·5 | 2 | 4 | 8·5 | 4 | 4 | 4 | 8 | 5 | |
| 22 | ·901 | 76·1 | 73·9 | ·815 | 90 | ,, | ,, | 4·5 | 0 | 1·5 | 8 | 6 | 9·5 | 4 | 9 | 7 | |
| 23 | ·890 | 75·7 | 73·7 | ·813 | 90 | ,, | ,, | 3·5 | 0 | 13·5 | 10 | 3 | 7·5 | 5 | 10 | 5 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN OCTOBER 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 29 | 3 | 0 | 1 | 0 | 3 | 5 | 16 | 8 | 57·5 | 35·5 | 13 | 1·5 | 23 | 1·5 | 1·5 | 17·5 | 1 |
| 1 to 2 | 31·5 | 3 | 0 | 1 | 0 | 2 | 3·5 | 18 | 10 | 77 | 32 | 17 | 0 | 11 | 10 | 0 | 23 | 0 |
| 2 to 3 | 29 | 6·5 | 0 | 2 | 0 | 3 | 4·5 | 14 | 9 | 71 | 37 | 11 | 0 | 0 | 1·5 | 5 | 24·5 | 1 |
| 3 to 4 | 26 | 4·5 | 0 | 4 | 0 | 2·5 | 5 | 13 | 9 | 80·5 | 34 | 11 | 0 | 0 | 0 | 4·5 | 30 | 0 |
| 4 to 5 | 22·5 | 5·5 | 0 | 3 | 0 | 5 | 9 | 21 | 7 | 88·5 | 30·5 | 9·5 | 0 | 0 | 2·5 | 2·5 | 30·5 | 0 |
| 5 to 6 | 21·5 | 8 | 0 | 3 | 0 | 3·5 | 7·5 | 12·5 | 7 | 85·5 | 26·5 | 8 | 0 | 0 | 8 | 0 | 33 | 0 |
| 6 to 7 | 13 | 3·5 | 0 | 1 | 0 | 4 | 8·5 | 12 | 11 | 65 | 25·5 | 8 | 0 | 0 | 8 | 0 | 21·5 | 0 |
| 7 to 8 | 15·5 | 5 | 0 | 1 | 0 | 7·5 | 11 | 17 | 12 | 60 | 38·5 | 17 | 0 | 0 | 7 | 0 | 26·5 | 0 |
| 8 to 9 | 27 | 7·5 | 3·5 | 1 | 0 | 9·5 | 10·5 | 30 | 5 | 58·5 | 65·5 | 22·5 | 0 | 0 | 3·5 | 5·5 | 34·5 | 0 |
| 9 to 10 | 38 | 7 | 3 | 1 | 0 | 12 | 5 | 34 | 5 | 26 | 82·5 | 31·5 | 0 | 0 | 5·5 | 5·5 | 24 | 0 |
| 10 to 11 | 47·5 | 2·5 | 0 | 0 | 0 | 9 | 0 | 12 | 8 | 41·5 | 85·5 | 62·5 | 4 | 0 | 8·5 | 1·5 | 6·5 | 0 |
| 11 to noon | 41 | 3 | 0·5 | 0 | 0 | 9 | 1 | 15·5 | 11 | 46 | 86 | 58 | 10·5 | 0 | 5 | 0 | 14·5 | 0 |
| Noon to 13 | 63 | 7 | 2 | 0 | 0 | 8 | 0 | 39 | 6 | 59·5 | 113·5 | 41·5 | 11·5 | 4 | 4 | 0 | 6 | 0 |
| 13 to 14 | 73·5 | 11 | 0·5 | 0·5 | 0 | 4·5 | 8·5 | 27·5 | 7 | 66 | 133 | 27·5 | 15·5 | 4·5 | 4·5 | 0 | 6 | 0 |
| 14 to 15 | 56 | 7 | 0 | 0 | 0 | 5 | 8 | 22 | 10 | 74 | 128 | 24 | 17 | 8 | 0 | 0 | 3 | 0 |
| 15 to 16 | 44 | 18·5 | 0 | 1 | 0 | 4·5 | 7·5 | 17·5 | 9 | 59·5 | 130·5 | 25·5 | 11·5 | 2·5 | 3·5 | 1 | 3 | 0 |
| 16 to 17 | 33 | 8·5 | 0 | 2 | 0 | 4 | 6 | 14·5 | 7 | 53·5 | 122 | 18·5 | 3·5 | 4 | 4 | 2 | 3·5 | 0 |
| 17 to 18 | 31·5 | 9 | 0 | 2 | 0 | 3 | 3·5 | 8 | 9 | 30 | 78·5 | 25 | 0 | 5 | 2 | 0 | 0·5 | 1 |
| 18 to 19 | 28 | 12·5 | 0 | 2 | 0 | 2 | 4 | 14·5 | 10 | 20 | 66·5 | 24 | 12 | 8 | 0 | 0 | 0·5 | 1 |
| 19 to 20 | 32·5 | 10·5 | 0 | 2 | 0 | 3·5 | 5·5 | 11 | 8 | 16·5 | 53 | 38·5 | 15·5 | 5·5 | 0 | 0 | 2 | 0 |
| 20 to 21 | 35·5 | 5·5 | 0 | 2 | 0 | 4·5 | 7·5 | 12 | 9 | 17·5 | 48 | 32·5 | 7 | 15·5 | 5 | 0 | 1·5 | 1 |
| 21 to 22 | 22·5 | 6 | 0 | 1 | 0 | 5 | 7·5 | 10 | 6 | 12·5 | 56·5 | 29·5 | 15·5 | 12·5 | 0 | 0 | 1·5 | 1 |
| 22 to 23 | 27 | 4·5 | 0 | 1 | 0 | 4·5 | 5 | 12 | 10 | 25 | 49·5 | 25 | 14 | 17 | 0 | 0 | 2·5 | 0 |
| 23 to midn. | 26 | 0·5 | 0 | 2 | 0 | 3·5 | 5 | 13 | 9 | 44 | 49·5 | 16 5 | 12 | 16 | 2 | 2 | 5 | 1 |

# NOVEMBER 1887.

*N.B.*—At Alipore, thermometers for minimum air temperature and minimum temperature of evaporation, taken away for reverification on the 7th September 1887, were restored on the 18th November to replace those temporarily in use.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·860 | 29·915 | 29·812 | 29·890 | 29·864 | 73·5 | 75·8 | 76·3 | 72·2 | 75·2 | 77·7 | 72·9 | 4·8 | 0 | 123·9 | 46·2 | 70·3 | 2·6 | ENE | ENE | NE | NNE | 133 |
| 2 | 879 | ·939 | ·854 | ·964 | ·892 | 71·6 | 74·3 | 77·5 | 74·3 | 75·1 | 78·5 | 71·0 | 7·5 | 0·2 | 110·0 | 31·5 | 68·3 | 2·7 | NNE | NNE | NNW | NW | 134 |
| 3 | ·953 | 30·014 | ·924 | ·986 | ·957 | 73·3 | 78·3 | 76·6 | 71·5 | 75·4 | 78·5 | 72·7 | 5·8 | 0·1 | 94·5 | 16·0 | 68·8 | 3·9 | NNE | ENE | N | SE | 53 |
| 4 | ·980 | ·046 | ·938 | ·995 | ·982 | 71·3 | 79·5 | 81·3 | 71·4 | 75·9 | 82·5 | 70·5 | 12·0 | 8·3 | 134·5 | 52·0 | 67·1 | 3·4 | SE | N by W | NNE | NNE | 84 |
| 5 | ·997 | ·057 | ·928 | ·965 | ·984 | 65·4 | 77·7 | 80·1 | 67·9 | 73·3 | 81·6 | 64·5 | 17·1 | 10·7 | 137·5 | 55·9 | 57·5 | 7·0 | NE by N | NNE | NNW | N by E | 105 |
| 6 | ·946 | ·001 | ·879 | ·946 | ·937 | 62·0 | 75·3 | 79·7 | 67·3 | 71·1 | 80·7 | 62·0 | 18·7 | 10·7 | 136·2 | 55·5 | 52·9 | 9·1 | NNW | N | NNW | NNW | 77 |
| 7 | ·946 | 29·988 | ·888 | ·946 | ·931 | 63·5 | 76·3 | 80·6 | 68·4 | 72·2 | 81·5 | 63·5 | 18·0 | 10·7 | 134·9 | 53·4 | 54·9 | 8·6 | NNW | NNW | NW | NW by N | 58 |
| 8 | ·944 | 30·010 | ·892 | ·945 | ·939 | 65·6 | 76·8 | 81·6 | 69·3 | 73·1 | 81·9 | 64·9 | 17·0 | 10·3 | 135·4 | 53·5 | 57·2 | 7·7 | W by N | NW by N | WNW | NW by W | 43 |
| 9 | ·942 | ·003 | ·876 | ·928 | ·928 | 65·6 | 79·3 | 82·8 | 71·2 | 74·0 | 83·5 | 65·1 | 18·4 | 10·1 | 136·3 | 52·8 | 58·9 | 6·2 | W | NW | NNW | NNW | 42 |
| 10 | ·935 | 29·990 | ·852 | ·899 | ·909 | 67·9 | 80·1 | 84·1 | 71·3 | 75·1 | 85·0 | 67·4 | 17·6 | 10·7 | 138·5 | 53·5 | 60·3 | 7·1 | W by S | W | WNW | NW | 45 |
| 11 | ·914 | ·983 | ·877 | ·952 | ·921 | 66·3 | 77·5 | 80·4 | 66·4 | 73·1 | 82·0 | 65·9 | 16·1 | 10·2 | 136·8 | 54·8 | 58·1 | 7·8 | NNW | NNW | NW by N | NNW | 68 |
| 12 | ·957 | 30·029 | ·922 | ·980 | ·964 | 61·4 | 73·3 | 79·8 | 64·7 | 69·9 | 80·5 | 61·0 | 19·5 | 10·2 | 134·5 | 54·0 | 51·4 | 9·6 | NNW | NW by N | NNW | NNW | 70 |
| 13 | ·960 | ·006 | ·879 | ·949 | ·942 | 62·2 | 72·8 | 79·3 | 65·7 | 69·7 | 80·1 | 60·4 | 19·7 | 10·4 | 135·2 | 55·1 | 52·4 | 8·0 | NW | NW by N | WNW | WNW | 83 |
| 14 | ·918 | 29·975 | ·861 | ·947 | ·919 | 62·9 | 72·9 | 78·7 | 64·5 | 70·3 | 79·7 | 61·5 | 18·2 | 10·2 | 133·0 | 53·3 | 52·8 | 8·7 | NNW | NNW | WSW | WSW | 99 |
| 15 | ·937 | 30·006 | ·884 | ·962 | ·933 | 63·6 | 75·1 | 80·3 | 67·3 | 70·4 | 80·8 | 60·2 | 20·6 | 10·1 | 131·4 | 50·6 | 52·2 | 8·0 | NNW | NNW | N by W | N by W | 66 |
| 16 | ·945 | ·009 | ·886 | ·962 | ·935 | 62·4 | 76·3 | 81·3 | 68·1 | 71·4 | 82·5 | 62·0 | 20·5 | 10·0 | 133·4 | 50·9 | 55·0 | 7·0 | N by W | NNW | NNW | NNW | 47 |
| 17 | ·942 | 29·998 | ·888 | ·951 | ·932 | 65·5 | 77·3 | 81·8 | 69·3 | 72·9 | 82·7 | 64·6 | 18·1 | 9·7 | 132·1 | 49·4 | 57·4 | 7·2 | N by W | NW | WNW | NW by W | 62 |
| 18 | ·956 | 30·036 | ·955 | 30·025 | ·979 | 67·2 | 78·8 | 81·3 | 72·3 | 74·4 | 83·0 | 67·2 | 15·8 | 7·6 | 142·0 | 59·0 | 59·8 | 7·4 | NW by W | NE | ESE | ESE | 65 |
| 19 | 30·030 | ·093 | ·992 | ·051 | 30·027 | 71·3 | 79·3 | 81·3 | 71·0 | 75·8 | 83·5 | 70·2 | 13·3 | 6·5 | 138·7 | 55·2 | 62·8 | 7·4 | ESE | NE | NNW | N | 48 |
| 20 | ·036 | ·092 | ·971 | ·018 | ·022 | 66·3 | 77·3 | 81·3 | 68·1 | 73·0 | 82·4 | 66·2 | 16·2 | 9·7 | 136·7 | 54·3 | 57·2 | 9·0 | N | NNW | NNW | NNW | 71 |
| 21 | ·002 | ·066 | ·962 | ·041 | ·006 | 66·5 | 76·8 | 81·- | 67·9 | 72·7 | 82·5 | 65·8 | 16·7 | 9·9 | 137·0 | 54·5 | 56·6 | 9·2 | NNW | NNW | NNW | NNW | 51 |
| 22 | ·038 | ·097 | ·990 | ·054 | ·037 | 67·0 | 77·1 | 81·1 | 66·7 | 73·0 | 81·9 | 66·3 | 15·6 | 9·8 | 134·9 | 53·0 | 57·3 | 9·0 | N | N | N by W | N by W | 75 |
| 23 | ·049 | ·127 | 30·019 | ·057 | ·050 | 63·7 | 72·9 | 79·3 | 64·4 | 70·7 | 80·5 | 63·4 | 17·1 | 8·3 | 135·8 | 55·3 | 55·2 | 8·2 | N by E | NNW | NNW | NNW | 77 |
| 24 | ·024 | ·091 | 29·965 | ·027 | ·015 | 61·4 | 73·2 | 78·0 | 65·4 | 68·9 | 79·0 | 61·3 | 17·7 | 8·6 | 131·3 | 52·3 | 50·8 | 10·5 | NNW | NNW | NNW | NNW | 76 |
| 25 | ·015 | ·071 | ·948 | ·008 | 29·998 | 59·9 | 72·8 | 78·2 | 64·2 | 68·7 | 79·9 | 59·8 | 20·1 | 8·7 | 134·7 | 54·8 | 49·4 | 10·4 | N by W | N by W | NW | NW by W | 72 |
| 26 | ·022 | ·097 | ·962 | ·035 | 30·015 | 63·3 | 71·5 | 79·1 | 65·8 | 69·8 | 79·7 | 62·5 | 17·2 | 9·7 | 130·3 | 50·6 | 51·6 | 10·9 | NNW | NW | NNW | WNW | 88 |
| 27 | ·020 | ·071 | ·918 | 29·996 | 29·992 | 62·8 | 72·2 | 78·0 | 67·9 | 70·4 | 80·7 | 62·3 | 18·4 | 7·9 | 131·5 | 50·8 | 53·7 | 8·6 | WNW | NNW | N | N | 86 |
| 28 | 29·991 | ·038 | ·935 | 30·011 | ·980 | 64·4 | 74·8 | 78·1 | 64·5 | 70·5 | 79·7 | 64·1 | 15·6 | 8·3 | 129·5 | 49·8 | 55·3 | 8·8 | N | N | NNW | NNW | 60 |
| 29 | 30·000 | ·063 | ·974 | ·035 | 30·007 | 61·5 | 75·8 | 80·8 | 66·8 | 70·1 | 81·5 | 60·4 | 21·1 | 9·6 | 130·3 | 48·8 | 50·7 | 9·7 | NNW | NE | NNW | N | 45 |
| 30 | ·028 | ·094 | ·975 | ·037 | ·025 | 63·9 | 74·3 | 78·2 | 64·0 | 70·7 | 79·5 | 62·4 | 17·1 | 9·3 | 131·2 | 51·7 | 52·4 | 10·0 | NNE | N | N by E | N by E | 81 |
| Mean. | 29·972 | 30·034 | 29·920 | 29·985 | 29·967 | 65·4 | 75·8 | 79·9 | 68·0 | 72·2 | 81·1 | 64·7 | 16·4 | Total 256·5 | 132·1 | 51·0 | 56·9 | 7·8 | ... | ... | ... | ... | 72·1 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 72·2 | 73·2 | 71·4 | 70·2 | 72·1 | 70·8 | ·775 | ·785 | ·703 | ·713 | ·748 | ·728 | 94 | 88 | 77 | 90 | 86 | 90 | ... | 10 | 10 | 10 | 10 | Pc. *o.g.d.* | P.Fk.*o.g.* | P. Fk. *o.g.* |
| 2 | 70·2 | 71·2 | 73·2 | 72·4 | 72·0 | 69·1 | ·720 | ·725 | ·762 | ·770 | ·743 | ·686 | 93 | 86 | 81 | 90 | 85 | 90 | ... | 10 | 10 | 9 | 10 | Pc. Fk. *o.g.* | P.Fk. Ck. Cs. *o.g.c.* | Ck. Pc. Fk.*c.o* |
| 3 | 72·2 | 74·2 | 73·2 | 70·2 | 72·8 | 71·3 | ·778 | ·793 | ·772 | ·723 | ·774 | ·748 | 95 | 82 | 84 | 94 | 88 | 93 | 0·24 | 10 | 10 | 10 | 10 | Pc. Fk. *o.g.* | Pk. Fk.P.*o.g.p.* | P. Fk. *o. g.* |
| 4 | 70·1 | 72·4 | 70·2 | 68·1 | 70·6 | 69·3 | ·724 | ·703 | ·592 | ·645 | ·677 | ·704 | 95 | 70 | 56 | 84 | 77 | 95 | ... | 10 | 6 | 2 | 0 | P.Pk.*o.g.* | Ck. *c.* | Ck. *b. c.* |
| 5 | 63·4 | 66·3 | 66·3 | 62·9 | 65·7 | 62·3 | ·558 | ·494 | ·460 | ·508 | ·532 | ·537 | 89 | 52 | 44 | 74 | 67 | 89 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* ☂ |
| 6 | 60·3 | 66·8 | 67·2 | 65·3 | 65·3 | 60·1 | ·502 | ·545 | ·501 | ·599 | ·551 | ·495 | 90 | 62 | 49 | 89 | 74 | 89 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 7 | 62·5 | 67·7 | 68·6 | 66·3 | 66·6 | 61·9 | ·554 | ·565 | ·539 | ·621 | ·580 | ·535 | 95 | 62 | 52 | 90 | 75 | 92 | ... | 1 | 0 | 0 | 0 | Cs. *c.* ☂ | *b.* | *b.* |
| 8 | 65·1 | 68·2 | 70·2 | 66·9 | 67·7 | 63·7 | ·614 | ·577 | ·585 | ·628 | ·609 | ·578 | 97 | 62 | 54 | 87 | 76 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☰ ☂ | *b.* | *b* ☂ |
| 9 | 65·1 | 69·2 | 71·2 | 69·9 | 69·1 | 64·1 | ·614 | ·581 | ·610 | ·716 | ·649 | ·586 | 97 | 58 | 55 | 94 | 78 | 95 | ... | 3 | 1 | 0 | 0 | Ck. *c.* ☂ | Ck. *b.c.* | *b.* ☰ |
| 10 | 67·2 | 72·4 | 72·2 | 69·2 | 70·6 | 66·6 | ·658 | ·693 | ·630 | ·688 | ·691 | ·641 | 96 | 67 | 54 | 90 | 80 | 95 | ... | 0 | 0 | 2 | 0 | *b.* ☰ ☂ | K. *b. c.* | *b.* |
| 11 | 65·4 | 67·2 | 65·3 | 62·8 | 66·2 | 64·8 | ·614 | ·531 | ·425 | ·526 | ·554 | ·601 | 95 | 56 | 41 | 81 | 70 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☰ ☂ | *b.* | *b.* ☂ |
| 12 | 60·5 | 64·6 | 64·9 | 62·8 | 63·2 | 59·5 | ·516 | ·496 | ·416 | ·546 | ·491 | ·490 | 94 | 60 | 41 | 89 | 70 | 91 | ... | 2 | 0 | 0 | 0 | Cs.*c.* ☰ ☂ | *b.* | *b.* ☂ |
| 13 | 59·3 | 63·8 | 65·1 | 63·3 | 63·0 | 57·8 | ·466 | ·473 | ·433 | ·550 | ·488 | ·447 | 83 | 58 | 43 | 87 | 69 | 85 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* ☂ |
| 14 | 56·3 | 61·9 | 67·1 | 61·3 | 62·4 | 55·5 | ·369 | ·408 | ·511 | ·504 | ·461 | ·363 | 64 | 51 | 52 | 84 | 62 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 59·2 | 64·8 | 69·2 | 65·6 | 64·7 | 57·9 | ·445 | ·478 | ·567 | ·609 | ·540 | ·452 | 75 | 55 | 55 | 91 | 73 | 86 | ... | 5 | 0 | 0 | 0 | Fk. *c.* ☂ | *b.* | *b.* |
| 16 | 61·8 | 67·6 | 69·5 | 66·0 | 66·4 | 60·9 | ·547 | ·560 | ·561 | ·614 | ·586 | ·523 | 97 | 62 | 52 | 90 | 77 | 94 | ... | 4 | 0 | 0 | 0 | C. Cs. *c.* ☰ ☂ | *b.* | C. Cs. *b. c.* |
| 17 | 64·4 | 69·4 | 69·2 | 67·2 | 68·2 | 63·5 | ·592 | ·613 | ·547 | ·641 | ·629 | ·574 | 95 | 65 | 50 | 90 | 79 | 95 | ... | 7 | 1 | 2 | 0 | C. Fk. *c.* ☂ | C. K. *c.* | *b.* |
| 18 | 66·4 | 71·2 | 72·2 | 70·8 | 70·3 | 66·2 | ·636 | ·664 | ·670 | ·735 | ·689 | ·632 | 95 | 68 | 62 | 93 | 82 | 95 | ... | 3 | 4 | 7 | 0 | Fk. Kc. *c.* ☰ ☂ | C.Cs.*c.* | C. *b. c.* |
| 19 | 68·2 | 70·2 | 70·2 | 67·2 | 70·4 | 68·6 | ·651 | ·619 | ·592 | ·615 | ·673 | ·680 | 85 | 61 | 56 | 80 | 76 | 92 | ... | 10 | 8 | 7 | 3 | Pk. Fk. *o.g.* | C. Cs. *c.* | Cs. Fk. *c.* |
| 20 | 64·8 | 69·5 | 68·1 | 66·2 | 68·2 | 64·4 | ·595 | ·615 | ·514 | ·618 | ·627 | ·579 | 92 | 65 | 48 | 90 | 78 | 89 | ... | 5 | 5 | 2 | 0 | C. Cs. *c.* ☂ | C. Fk. Ck. *c.* | *b.* |
| 21 | 64·3 | 70·2 | 68·2 | 65·7 | 67·8 | 63·7 | ·577 | ·652 | ·517 | ·607 | ·616 | ·565 | 89 | 71 | 48 | 90 | 78 | 89 | ... | 1 | 0 | 1 | 0 | Cs. *c.* ☂ | C. *b. c.* | C. *b. c.* |
| 22 | 63·3 | 69·2 | 65·8 | 63·2 | 66·7 | 63·1 | ·533 | ·608 | ·433 | ·534 | ·573 | ·539 | 80 | 65 | 41 | 81 | 72 | 84 | ... | 0 | 0 | 0 | 0 | *b.* ☰ ☂ | *b.* | *b.* |
| 23 | 60·3 | 63·3 | 64·3 | 60·3 | 63·8 | 60·4 | ·478 | ·456 | ·403 | ·472 | ·503 | ·487 | 80 | 56 | 40 | 78 | 68 | 83 | ... | 5 | 8 | 2 | 3 | C. Cs. *c.* ☂ | C. Cs. *c.* | Cs. *b. c.* ☂ |
| 24 | 57·9 | 64·1 | 64·3 | 60·6 | 62·2 | 57·6 | ·435 | ·479 | ·420 | ·464 | ·473 | ·427 | 80 | 58 | 44 | 73 | 68 | 79 | ... | 5 | 8 | 6 | 3 | C. Cs. *c.* ☂ | C. Cs. *c.* | C. Cs. *c.* |
| 25 | 58·2 | 64·5 | 64·5 | 61·9 | 62·6 | 57·8 | ·464 | ·499 | ·425 | ·526 | ·489 | ·454 | 90 | 62 | 44 | 87 | 71 | 88 | ... | 2 | 0 | 1 | 3 | C. *c.* ☂ | Ck. Cs. *b.c.* | Fk. *b. c.* |
| 26 | 55·5 | 60·5 | 64·3 | 63·3 | 61·9 | 56·3 | ·336 | ·382 | ·403 | 550 | ·453 | ·376 | 58 | 50 | 40 | 87 | 63 | 67 | ... | 3 | 0 | 0 | 8 | Fk. *c.* | *b.* | Ck. K. Fk. *c.* |
| 27 | 58·3 | 64·2 | 67·0 | 63·3 | 63·8 | 58·2 | ·429 | ·495 | ·516 | ·523 | ·507 | ·434 | 75 | 62 | 54 | 77 | 68 | 77 | ... | 1 | 0 | 2 | 0 | Fk.*c.* ☂ | Ck. K. *b. c.* | Ck. *b.c.* ☂ |
| 28 | 62·3 | 65·5 | 65·8 | 63·3 | 64·6 | 62·2 | ·537 | ·506 | ·473 | ·570 | ·533 | ·535 | 89 | 59 | 49 | 95 | 73 | 89 | ... | 3 | 0 | 0 | 0 | Fk. *c.* ☂ | *b.* | *b.* ☰ ☂ |
| 29 | 59·3 | 65·8 | 67·2 | 63·3 | 63·8 | 58·8 | ·480 | ·503 | ·487 | ·536 | ·513 | ·478 | 88 | 56 | 46 | 81 | 71 | 91 | ... | 0 | 0 | 1 | 3 | *b.* ☂ | Ck. *b.c.* | Ck. Fk. *c.* |
| 30 | 59·3 | 65·4 | 64·2 | 60·6 | 63·1 | 60·0 | ·446 | ·507 | ·414 | ·484 | ·477 | ·486 | 75 | 59 | 43 | 81 | 65 | 86 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* ☂ |
| Mean | 63·1 | 67·5 | 68·0 | 65·3 | 66·5 | 62·5 | ·555 | ·567 | ·529 | ·595 | ·581 | ·545 | 87 | 63 | 52 | 86 | 74 | 88 | Total 0·24 | 3·33 | 2·37 | 2·13 | 1·77 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·666 | 29·698 | 29·585 | 29·648 | 29·641 | 59·2 | 79·2 | 84·3 | 65·2 | 71·2 | 84·7 | 58·7 | 26·0 | 11·0 | 143·5 | 58·8 | 46·7 | 12·0 | SSE | E | E | ENE | 39·8 |
| 2 | ·648 | ·682 | ·597 | ·678 | ·643 | 58·7 | 80·1 | 84·2 | 64·2 | 71·0 | 84·6 | 57·9 | 26·7 | 11·0 | 144·0 | 59·4 | 46·0 | 11·9 | ENE | E | N | Calm | 27·4 |
| 3 | ·694 | ·750 | ·648 | ·696 | ·689 | 58·5 | 81·3 | 86·8 | 66·1 | 72·4 | 86·8 | 58·1 | 28·7 | 10·7 | 143·4 | 56·6 | 44·7 | 13·4 | Calm | WSW | N | NNW | 27·4 |
| 4 | ·706 | ·773 | ·660 | ·709 | ·704 | 59·1 | 79·0 | 85·3 | 67·5 | 71·9 | 86·4 | 57·5 | 28·9 | 11·0 | 144·9 | 58·5 | 47·9 | 9·6 | NNW | SSW | NW | WSW | 44·6 |
| 5 | ·716 | ·796 | ·670 | ·694 | ·711 | 58·0 | 80·4 | 84·7 | 67·0 | 71·9 | 86·1 | 56·8 | 29·3 | 10·0 | 145·2 | 59·1 | 43·8 | 13·6 | WNW | SSW | ENE | ENE | 33·3 |
| 6 | ·668 | ·724 | ·624 | ·679 | ·666 | 59·0 | 79·0 | 82·2 | 71·0 | 72·0 | 84·6 | 57·7 | 26·9 | 8·8 | 150·2 | 65·6 | 45·1 | 12·6 | Calm | W | NNW | NW | 33·7 |
| 7 | ·666 | ·735 | ·673 | ·704 | ·686 | 66·1 | 72·1 | 72·1 | 65·1 | 68·0 | 76·5 | 64·8 | 11·7 | 0 | 109·7 | 33·2 | 61·0 | 3·8 | W | NW | NW | WNW | 71·5 |
| 8 | ·686 | ·745 | ·645 | ·672 | ·679 | 63·1 | 74·2 | 78·2 | 71·1 | 70·8 | 79·3 | 62·2 | 17·1 | 2·0 | 133·2 | 53·9 | 55·8 | 6·4 | WSW | WNW | WNW | WSW | 92·3 |
| 9 | ·663 | ·711 | ·587 | ·663 | ·648 | 66·3 | 79·2 | 85·3 | 66·4 | 73·5 | 86·4 | 65·7 | 20·7 | 10·8 | 141·7 | 55·3 | 58·8 | 6·9 | WNW | NW | WNW | WNW | 111·8 |
| 10 | ·664 | ·725 | ·608 | ·642 | ·652 | 60·0 | 75·7 | 82·3 | 63·7 | 69·6 | 84·4 | 57·8 | 26·6 | 10·8 | 140·2 | 55·8 | 46·9 | 10·9 | WNW | NW | WNW | Calm | 95·6 |
| 11 | ·647 | ·720 | ·629 | ·688 | ·663 | 56·7 | 74·2 | 82·0 | 61·5 | 67·8 | 83·5 | 55·6 | 27·9 | 10·9 | 144·2 | 60·7 | 42·8 | 12·8 | WNW | NW | NW | NW | 93·6 |
| 12 | ·706 | ·788 | ·696 | ·730 | ·722 | 55·1 | 73·4 | 82·3 | 58·7 | 66·6 | 83·7 | 53·8 | 29·9 | 11·0 | 145·4 | 61·7 | 42·8 | 11·0 | NW | NW | NW | NW | 88·1 |
| 13 | ·721 | ·776 | ·644 | ·680 | ·697 | 52·8 | 72·1 | 80·9 | 58·5 | 65·3 | 81·8 | 50·8 | 31·0 | 10·7 | 143·0 | 61·2 | 40·6 | 10·2 | W | NW | WNW | NW | 127·0 |
| 14 | ·684 | ·722 | ·603 | ·653 | ·658 | 52·1 | 73·0 | 81·3 | 58·0 | 65·3 | 82·7 | 50·6 | 32·1 | 10·5 | 144·8 | 62·1 | 39·3 | 11·3 | WNW | W | WNW | Calm | 110·6 |
| 15 | ·663 | ·738 | ·620 | ·675 | ·666 | 51·1 | 69·1 | 79·2 | 59·9 | 64·0 | 80·3 | 49·7 | 30·6 | 10·8 | 141·2 | 60·9 | 35·9 | 13·8 | Calm | NW | NW | NW | 42·9 |
| 16 | ·672 | ·733 | ·634 | ·684 | ·673 | 50·3 | 73·2 | 81·8 | 60·2 | 65·6 | 81·9 | 49·7 | 32·2 | 10·4 | 141·6 | 59·7 | 37·7 | 12·0 | NW | NNE | ENE | Calm | 39·4 |
| 17 | ·685 | ·741 | ·622 | ·681 | ·674 | 54·1 | 73·7 | 80·3 | 65·1 | 67·5 | 81·9 | 53·6 | 28·3 | 10·2 | 142·7 | 60·8 | 43·9 | 9·7 | E | W | N | NW | 32·8 |
| 18 | ·700 | ·768 | ·685 | ·774 | ·724 | 57·0 | 75·2 | 80·7 | 65·1 | 68·7 | 82·4 | 56·1 | 26·3 | 9·6 | 146·2 | 63·8 | 47·9 | 8·2 | N | NW | E | Calm | 38·3 |
| 19 | ·777 | ·845 | ·717 | ·795 | ·776 | 60·0 | 78·0 | 84·0 | 67·1 | 71·5 | 84·2 | 59·0 | 25·2 | 8·7 | 155·0 | 70·8 | 51·0 | 8·0 | Calm | NE | NNE | Calm | 38·2 |
| 20 | ·788 | ·859 | ·739 | ·791 | ·786 | 63·0 | 77·3 | 81·8 | 65·1 | 71·0 | 83·1 | 62·0 | 21·1 | 9·7 | 144·8 | 61·7 | 54·9 | 7·1 | Calm | WNW | NW | NW | 43·5 |
| 21 | ·762 | ·808 | ·708 | ·786 | ·758 | 56·1 | 74·7 | 81·4 | 62·0 | 67·8 | 83·0 | 55·2 | 27·8 | 10·3 | 142·3 | 59·3 | 44·7 | 10·5 | NW | W | NW | Calm | 49·2 |
| 22 | ·786 | ·844 | ·745 | ·795 | ·784 | 54·5 | 72·1 | 79·7 | 59·2 | 65·6 | 81·3 | 53·2 | 28·1 | 10·1 | 141·2 | 59·9 | 41·6 | 11·6 | WNW | WNW | NW | Calm | 42·0 |
| 23 | ·803 | ·868 | ·774 | ·809 | ·806 | 52·1 | 70·5 | 80·4 | 61·0 | 65·2 | 81·1 | 51·1 | 30·0 | 10·5 | 141·8 | 60·7 | 38·8 | 12·3 | NW | NW | N | WNW | 34·5 |
| 24 | ·773 | ·833 | ·725 | ·772 | ·768 | 54·2 | 71·0 | 79·1 | 57·8 | 64·7 | 80·3 | 53·5 | 26·8 | 10·4 | 141·6 | 61·3 | 43·0 | 10·5 | WNW | NW | NW | Calm | 72·4 |
| 25 | ·772 | ·839 | ·719 | ·776 | ·768 | 49·1 | 69·0 | 78·0 | 56·1 | 62·2 | 79·0 | 47·7 | 31·3 | 10·2 | 138·7 | 59·7 | 36·0 | 11·7 | WNW | WNW | NW | Calm | 57·0 |
| 26 | ·778 | ·860 | ·739 | ·793 | ·784 | 51·1 | 67·1 | 78·0 | 57·0 | 62·5 | 78·8 | 48·7 | 30·1 | 10·0 | 138·8 | 60·0 | 34·9 | 13·8 | NW | NW | WNW | Calm | 62·4 |
| 27 | ·793 | ·840 | ·721 | ·765 | ·772 | 49·1 | 71·4 | 78·3 | 57·5 | 63·3 | 80·3 | 47·7 | 32·6 | 9·8 | 138·2 | 57·9 | 35·0 | 12·7 | Calm | W | Calm | NNW | 19·1 |
| 28 | ·757 | ·804 | ·694 | ·753 | ·744 | 54·0 | 72·1 | 80·5 | 60·0 | 65·8 | 80·7 | 50·5 | 30·2 | 9·8 | 139·2 | 58·5 | 40·5 | 10·0 | NNW | NE | NNE | Calm | 26·9 |
| 29 | ·746 | 830 | ·717 | ·776 | ·759 | 53·1 | 74·1 | 79·2 | 62·3 | 66·4 | 81·4 | 52·1 | 29·3 | 9·7 | 143·0 | 61·6 | 40·2 | 11·9 | Calm | E | Calm | Calm | 23·0 |
| 30 | ·790 | ·846 | ·723 | ·793 | ·780 | 54·1 | 72·8 | 79·2 | 60·6 | 65·9 | 79·4 | 52·7 | 26·7 | 9·4 | 139·7 | 60·3 | 42·7 | 10·0 | NNE | SE | W | Calm | 25·9 |
| Mean | 29·719 | 29·780 | 29·672 | 29·725 | 29·716 | 56·3 | 74·5 | 81·1 | 62·7 | 67·8 | 82·4 | 55·0 | 27·3 | Total 288·8 | 141·6 | 59·3 | 44·4 | 10·7 | ... | ... | ... | ... | 54·8 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 58·2 | 68·1 | 67·1 | 62·1 | 63·9 | 57·5 | ·474 | ·540 | ·435 | ·517 | ·492 | ·459 | 94 | 54 | 37 | 83 | 67 | 93 | ... | 1 | 0 | 0 | 0 | C. *c.* ☂ | *b.* | *b.* |
| 2 | 57·2 | 67·2 | 65·8 | 61·1 | 62·8 | 56·5 | ·450 | ·495 | ·389 | ·499 | ·458 | ·439 | 91 | 48 | 33 | 83 | 64 | 92 | ... | 1 | 0 | 0 | 1 | C. *c.* ☂ | *b.* | Cs. *b.c.* |
| 3 | 58·2 | 69·0 | 68·1 | 63·1 | 64·6 | 57·3 | ·483 | ·545 | ·438 | ·539 | ·501 | ·461 | 98 | 51 | 35 | 84 | 67 | 95 | ... | 0 | 0 | 0 | 0 | *b* ☂ | *b.* | *b.* |
| 4 | 58·1 | 67 7 | 62·6 | 60·1 | 62·1 | 57·0 | ·472 | ·528 | ·266 | ·422 | ·422 | ·460 | 94 | 53 | 22 | 62 | 58 | 97 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 5 | 56·9 | 65·9 | 65·8 | 60·0 | 62·2 | 55·1 | ·450 | ·444 | ·384 | ·426 | ·426 | ·413 | 93 | 43 | 32 | 64 | 58 | 89 | ... | 1 | 1 | 3 | 2 | C. *c.* | Ck. C. *c.* | C.Cs.Ck.*c.* |
| 6 | 57·1 | 64 7 | 65·0 | 62·1 | 62·2 | 56·0 | ·443 | ·421 | ·389 | ·440 | ·423 | ·428 | 89 | 42 | 36 | 57 | 56 | 90 | ... | 6 | 7 | 8 | 10 | Ck.Cs.*c.* | Ck.C.Cs.*c.* | C. Cs. Ck. Pk. *c. o.* |
| 7 | 62·1 | 63·1 | 64·4 | 63·3 | 63·2 | 61·0 | ·506 | ·459 | ·503 | ·559 | ·507 | ·487 | 79 | 58 | 63 | 90 | 72 | 79 | ... | 10 | 10 | 10 | 9 | Ck.Cs.*o.* | Cs.Ck.Pc. *g. o.* | Pc. Cs.Pk. *c. g. o.* |
| 8 | 62·1 | 68·8 | 69 6 | 68 0 | 67·1 | 61·0 | ·546 | ·633 | ·610 | ·645 | ·608 | ·522 | 94 | 74 | 63 | 85 | 79 | 93 | 0·01 | 9 | 10 | 9 | 6 | Ck.Cs.*c.* | Ck.Cs. Pc. *c. o.* | Ck. Cs. *c.* |
| 9 | 66·0 | 67·9 | 66·8 | 61·1 | 65·4 | 65·1 | ·637 | ·533 | ·411 | ·469 | ·512 | ·613 | 98 | 53 | 34 | 72 | 64 | 97 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | C. *b.c.* |
| 10 | 56·6 | 61·5 | 61·3 | 58·1 | 59·4 | 55·0 | ·415 | ·358 | ·264 | ·411 | ·362 | ·397 | 80 | 41 | 24 | 70 | 54 | 82 | ... | 2 | 1 | 4 | 0 | Cs.Ck.*c.* | Ck. *c.* | *b.* |
| 11 | 55·1 | 60·0 | 60·1 | 56·1 | 57·8 | 51·3 | ·414 | ·330 | ·229 | ·380 | ·338 | ·323 | 90 | 39 | 21 | 69 | 55 | 72 | ... | 0 | 1 | 0 | 0 | *b.* | C. *b.c.* | *b.* |
| 12 | 51·1 | 60·0 | 60·6 | 53·1 | 56·2 | 50·3 | ·324 | ·340 | ·241 | ·331 | ·309 | ·320 | 74 | 41 | 22 | 67 | 51 | 77 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | C. *b.c.* |
| 13 | 47·6 | 57 3 | 59·5 | 51·9 | 54·1 | 45·8 | ·262 | ·275 | ·225 | ·300 | ·266 | ·244 | 66 | 35 | 22 | 60 | 46 | 66 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 14 | 47·1 | 58 6 | 60·2 | 53·1 | 54·8 | 46·2 | ·259 | ·303 | ·242 | ·341 | ·286 | ·257 | 66 | 38 | 23 | 70 | 49 | 70 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 49·1 | 57 1 | 60·6 | 56·1 | 55 7 | 47 4 | ·323 | ·309 | ·282 | ·401 | ·329 | ·299 | 86 | 43 | 28 | 77 | 58 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 49 6 | 60·0 | 63·0 | 57·1 | 57·4 | 48·8 | ·347 | ·343 | ·326 | ·427 | ·361 | ·335 | 95 | 42 | 30 | 81 | 62 | 94 | ... | 1 | 0 | 2 | 0 | Cs. *c.* ☂ | Ck. *b.c.* | Cs. *b. c.* |
| 17 | 53·1 | 64 6 | 65·0 | 60 6 | 60·8 | 52·9 | ·393 | ·488 | ·414 | ·470 | ·441 | ·393 | 94 | 58 | 40 | 76 | 67 | 95 | ... | 0 | 0 | 1 | 0 | *b.* ☂ | Fk. *b.c.* | Fk. *b. c.* |
| 18 | 56·1 | 65·1 | 64·4 | 60·6 | 61·6 | 55·8 | ·440 | ·486 | ·388 | ·470 | ·446 | ·443 | 95 | 56 | 36 | 76 | 66 | 98 | ... | 1 | 0 | 1 | 0 | Fk. *c.* | Fk. *b.c.* | *b.* |
| 19 | 58·2 | 66·1 | 68 6 | 64·1 | 64·2 | 57·5 | ·463 | ·484 | ·494 | ·560 | ·500 | ·456 | 89 | 50 | 42 | 84 | 66 | 91 | ... | 3 | 8 | 1 | 1 | Fk. *c.* | Ck.Fk. *c.* | Fk. *b. c.* |
| 20 | 61 5 | 67·7 | 66·1 | 60·9 | 64·0 | 60·7 | ·528 | ·551 | ·432 | ·480 | ·498 | ·515 | 92 | 59 | 40 | 77 | 67 | 92 | ... | 6 | 4 | 2 | 0 | Fk. *c.* | Ck. Fk. *c.* | *b.* |
| 21 | 55·1 | 64·2 | 61·6 | 58·9 | 60·0 | 54·1 | ·423 | ·461 | ·285 | ·458 | ·407 | ·406 | 94 | 54 | 27 | 83 | 64 | 93 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 22 | 53·1 | 60·9 | 62·2 | 56·0 | 58·0 | 51·8 | ·387 | ·386 | ·328 | ·408 | ·377 | ·368 | 91 | 49 | 32 | 81 | 63 | 91 | ... | 0 | 1 | 1 | 1 | *b.* ☂ | C. Cs. *c.* | Cs. C. *c.* |
| 23 | 50 1 | 60·8 | 64·0 | 58·1 | 58·2 | 49·6 | ·336 | ·405 | ·378 | ·447 | ·392 | ·337 | 86 | 55 | 36 | 83 | 65 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 52·3 | 60·1 | 58·6 | 53·1 | 56·0 | 51·4 | ·369 | ·376 | ·221 | ·343 | ·327 | ·392 | 88 | 49 | 23 | 71 | 58 | 65 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 25 | 47·1 | 57·6 | 58·1 | 52·2 | 56·2 | 45·7 | ·298 | ·325 | ·221 | ·340 | ·296 | ·282 | 85 | 45 | 23 | 76 | 57 | 85 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 47·1 | 56·1 | 59·1 | 52·9 | 53·8 | 45·6 | ·270 | ·306 | ·251 | ·348 | ·294 | ·218 | 72 | 46 | 25 | 75 | 54 | 77 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 48 0 | 60·3 | 62·0 | 54·6 | 56·2 | 46·8 | ·322 | ·377 | ·340 | ·389 | ·357 | ·310 | 93 | 49 | 35 | 82 | 65 | 94 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| 28 | 52·0 | 60·2 | 64·1 | 58·0 | 58 6 | 49·7 | ·363 | ·364 | ·381 | ·457 | ·391 | ·347 | 87 | 46 | 36 | 88 | 64 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 52 0 | 62·3 | 64·6 | 58·1 | 59·2 | 51·4 | ·375 | ·406 | ·415 | ·429 | ·406 | ·372 | 92 | 48 | 42 | 76 | 64 | 95 | ... | 0 | 2 | 0 | 0 | *b.* | C. Cs. *b.c.* | *b.* |
| 30 | 53·1 | 62·1 | 63·3 | 57·2 | 58·9 | 52·1 | ·392 | ·416 | ·370 | ·425 | ·401 | ·383 | 94 | 52 | 37 | 80 | 66 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☂ | *b.* | *b.* |
| Mean | 54·4 | 63·5 | 63·4 | 58 4 | 59·8 | 53·2 | ·405 | ·423 | ·352 | ·438 | ·404 | ·389 | 88 | 49 | 33 | 76 | 62 | 88 | Tota 0·01 | 1·37 | 1·50 | 1·40 | 1·00 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·644 | 29·540 | 78·7 | 82·7 | 85·8 | 55·0 | 30·8 | 140·7 | 54·9 | 47·0 | 8·0 | N | N | Calm | NNW | 24 |
| 2 | ·631 | ·548 | 79·7 | 82·7 | 85·3 | 55·0 | 30·5 | 140·7 | 55·4 | 46·0 | 9·0 | NNW | N | NW | NW | 26 |
| 3 | ·688 | ·586 | 80·7 | 84·6 | 87·5 | 56·0 | 31·5 | 140·7 | 53·2 | 48·0 | 8·0 | NW | NNE | Calm | WSW | 46 |
| 4 | ·704 | ·598 | 79·7 | 82·7 | 88·3 | 56·9 | 31·4 | 141·7 | 53·4 | 48·0 | 8·9 | WSW | WSW | WNW | Calm | 36 |
| 5 | ·725 | ·617 | 78·2 | 78·7 | 86·3 | 53·0 | 33·3 | 140·7 | 54·4 | 44·0 | 9·0 | Calm | Calm | NNW | NNW | 20 |
| 6 | ·666 | ·595 | 71·7 | 72·7 | 80·2 | 58·9 | 21·3 | 137·7 | 57·5 | 54·0 | 4·9 | NNW | NNW | NNW | Calm | 31 |
| 7 | ·677 | ·597 | 71·7 | 70·7 | 77·2 | 62·9 | 14·3 | 115·7 | 38·5 | 58·0 | 4·9 | WNW | WNW | Calm | NW | 59 |
| 8 | ·670 | ·563 | 72·7 | 79·7 | 85·3 | 60·9 | 24·4 | 139·7 | 54·4 | 56·0 | 4·9 | WNW | WNW | N | N | 76 |
| 9 | ·633 | ·534 | 78·2 | 81·7 | 85·3 | 61·9 | 23·4 | 138·7 | 53·4 | 56·0 | 5·9 | N | NNE | NNE | NNE | 97 |
| 10 | ·643 | ·546 | 72·7 | 75·7 | 82·7 | 56·9 | 25·8 | 152·7 | 70·0 | 47·0 | 9·9 | NNE | Calm | Calm | N | 95 |
| 11 | ·645 | ·556 | 73·7 | 81·7 | 83·2 | 55·0 | 28·2 | 139·7 | 56·5 | 46·0 | 9·0 | Calm | Calm | NNE | N | 72 |
| 12 | ·713 | ·629 | 72·7 | 80·7 | 83·2 | 50·0 | 33·2 | 139·7 | 56·5 | 38·0 | 12·0 | Calm | N | NNW | Calm | 51 |
| 13 | ·698 | ·615 | 71·7 | 78·7 | 82·2 | 49·0 | 33·2 | 140·7 | 58·5 | 40·0 | 9·0 | NNW | N | N | N | 95 |
| 14 | ·670 | ·530 | 69·7 | 79·7 | 83·2 | 49·0 | 34·2 | 140·7 | 57·5 | 38·0 | 11·0 | N | N | NNW | NNW | 83 |
| 15 | ·676 | ·575 | 71·7 | 80·7 | 82·7 | 48·0 | 34·7 | 137·7 | 55·0 | 38·0 | 10·0 | Calm | NNW | Calm | Calm | 40 |
| 16 | ·673 | ·582 | 73·7 | 77·7 | 82·7 | 54·0 | 28·7 | 141·7 | 59·0 | 52·0 | 2·0 | ESE | ESE | NNW | Calm | 20 |
| 17 | ·682 | ·573 | 75·7 | 79·7 | 83·2 | 53·0 | 30·2 | 136·7 | 53·5 | 46·0 | 7·0 | NNW | Calm | NW | NW | 12 |
| 18 | ·703 | ·630 | 75·7 | 79·7 | 83·2 | 55·0 | 28·2 | 144·7 | 61·5 | 50·0 | 5·0 | Calm | NW | Calm | Calm | 8 |
| 19 | ·780 | ·682 | 75·7 | 80·7 | 85·3 | 54·0 | 31·3 | 140·7 | 55·4 | 48·0 | 6·0 | NNE | Calm | ENE | Calm | 25 |
| 20 | ·787 | ·683 | 75·7 | 76·7 | 83·2 | 54·0 | 29·2 | 141·7 | 58·5 | 47·0 | 7·0 | Calm | ENE | Calm | SSE | 33 |
| 21 | ·739 | ·648 | 74·7 | 79·7 | 82·2 | 51·0 | 31·2 | 135·7 | 53·5 | 42·0 | 9·0 | SSE | SSE | Calm | SSE | 24 |
| 22 | ·776 | ·685 | 76·7 | 77·7 | 82·2 | 50·0 | 32·2 | 135·7 | 53·5 | 43·0 | 7·0 | Calm | SSE | Calm | NE | 8 |
| 23 | ·802 | ·713 | 73·7 | 78·7 | 82·7 | 51·0 | 31·7 | 135·7 | 53·0 | 43·0 | 8·0 | NE | Calm | NNE | NNE | 40 |
| 24 | ·769 | ·659 | 71·7 | 75·7 | 82·2 | 47·0 | 35·2 | 134·7 | 52·5 | 37·0 | 10·0 | Calm | NNE | WNW | Calm | 17 |
| 25 | ·764 | ·658 | 68·8 | 75·2 | 78·7 | 46·0 | 32·7 | 135·7 | 57·0 | 36·0 | 10·0 | Calm | Calm | NW | NW | 32 |
| 26 | ·780 | ·659 | 70·7 | 76·7 | 79·2 | 45·0 | 34·2 | 133·7 | 64·5 | 36·0 | 9·0 | Calm | NW | NNE | NNE | 36 |
| 27 | ·774 | ·646 | 69·7 | 75·7 | 82·2 | 47·0 | 35·2 | 137·7 | 55·5 | 38·0 | 9·0 | NNE | NNE | Calm | Calm | 27 |
| 28 | ·783 | ·641 | 73·2 | 74·7 | 79·2 | 48·0 | 31·2 | 132·7 | 53·5 | 40·0 | 8·0 | Calm | Calm | Calm | Calm | 8 |
| 29 | ·756 | ·660 | 70·2 | 75·7 | 80·2 | 49·0 | 31·2 | 132·7 | 52·5 | 41·0 | 8·0 | Calm | Calm | Calm | Calm | 14 |
| 30 | ·780 | ·668 | 70·7 | 76·7 | 80·2 | 48·0 | 32·2 | 133·7 | 53·5 | 40·0 | 8·0 | Calm | Calm | NNE | Calm | 14 |
| Mean | 29·714 | 29·614 | 74·0 | 78·5 | 82·8 | 52·7 | 30·2 | 138·0 | 55·2 | 44·8 | 7·9 | ... | ... | ... | ... | 39·0 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 66·0 | 64·5 | 53·6 | ·470 | ·365 | ·394 | 48 | 33 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 65·0 | 66·5 | 53·6 | ·422 | ·435 | ·394 | 42 | 40 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 65·0 | 66·0 | 54·6 | ·409 | ·392 | ·409 | 40 | 33 | 91 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 64·0 | 62·1 | 54·1 | ·388 | ·285 | ·383 | 38 | 26 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 63·1 | 64·0 | 51·6 | ·378 | ·401 | ·366 | 39 | 41 | 90 | ... | 0 | 7 | *b.* | Ck. Cs. | Cs. |
| 6 | 63·1 | 62·1 | 56·6 | ·465 | ·418 | ·429 | 60 | 52 | 85 | ... | 10 | 10 | Cs. | Cs. | Cs. |
| 7 | 61·1 | 63·1 | 57·6 | ·399 | ·478 | ·407 | 52 | 64 | 70 | ... | 10 | 10 | Cs. | Cs. | Cs. |
| 8 | 66·0 | 66·0 | 58·6 | ·551 | ·457 | ·464 | 69 | 46 | 85 | ... | 8 | 8 | Cs. | Cs. | Cs. |
| 9 | 60·1 | 59·1 | 54·6 | ·280 | ·202 | ·331 | 29 | 19 | 59 | ... | 3 | 3 | K. | K. | *b.* |
| 10 | 57·1 | 60·1 | 50·6 | ·261 | ·313 | ·287 | 33 | 35 | 61 | ... | 5 | 8 | K. | Ck. | Ck. |
| 11 | 56·1 | 58·1 | 47·7 | ·218 | ·171 | ·237 | 26 | 16 | 53 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 12 | 57·1 | 56·1 | 45·7 | ·261 | ·125 | ·252 | 33 | 12 | 69 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 55·1 | 55·1 | 44·7 | ·215 | ·123 | ·241 | 28 | 13 | 68 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 55·1 | 62·1 | 44·7 | ·242 | ·325 | ·241 | 34 | 32 | 68 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 59·1 | 62·1 | 45·7 | ·335 | ·311 | ·278 | 43 | 30 | 82 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 62·1 | 67·0 | 50·6 | ·405 | ·520 | ·318 | 49 | 55 | 77 | ... | 8 | 4 | *b.* | K. | *b.* |
| 17 | 65·0 | 65·0 | 51·6 | ·476 | ·422 | ·376 | 54 | 42 | 90 | ... | 0 | 4 | *b.* | K. | *b.* |
| 18 | 65·0 | 66·0 | 53·6 | ·476 | ·457 | ·394 | 54 | 46 | 91 | ... | 5 | 4 | *b.* | K. | K. |
| 19 | 64·5 | 65·0 | 52·6 | ·459 | ·409 | ·380 | 53 | 40 | 90 | ... | 4 | 4 | *b.* | K. | K. |
| 20 | 63·1 | 62·1 | 52·6 | ·411 | ·365 | ·380 | 46 | 40 | 90 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 61·1 | 63·1 | 49·7 | ·359 | ·358 | ·341 | 42 | 35 | 90 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 63·1 | 63·1 | 48·7 | ·398 | ·384 | ·327 | 44 | 41 | 90 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 61·6 | 62·1 | 49·7 | ·388 | ·338 | ·341 | 47 | 34 | 90 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 59·1 | 58·1 | 44·7 | ·335 | ·269 | ·267 | 43 | 28 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 57·1 | 58·8 | 43·7 | ·313 | ·279 | ·256 | 45 | 32 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 55·1 | 61·1 | 43·7 | ·229 | ·332 | ·269 | 31 | 36 | 88 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 27 | 57·1 | 63·1 | 44·7 | ·301 | ·411 | ·267 | 42 | 46 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 60·1 | 61·1 | 46·7 | ·347 | ·359 | ·303 | 43 | 42 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 59·1 | 61·1 | 47·7 | ·355 | ·346 | ·316 | 48 | 39 | 89 | ... | 7 | 0 | *b.* | Ck. | *b.* |
| 30 | 60·1 | 62·1 | 46·7 | ·380 | ·365 | ·303 | 51 | 40 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| Mean . | 60·9 | 62·2 | 50·0 | ·363 | ·347 | ·332 | 44 | 36 | 82 | Total ... | 2·00 | 2·07 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·197 | 29·253 | 29·162 | 29·204 | 29·204 | 59·4 | 78·2 | 83·2 | 68·3 | 72·3 | 85·6 | 56·5 | 29·1 | 4·7 | 154·0 | 68·4 | 48·8 | 7·7 | E | SE | SE | E | 76·7 |
| 2 | ·190 | ·279 | ·214 | ·261 | ·236 | 62·0 | 77·2 | 84·2 | 58·7 | 70·5 | 86·9 | 57·0 | 29·9 | 10·1 | 143·0 | 56·1 | 50·3 | 6·7 | E | E | Calm | Calm | 51·7 |
| 3 | ·268 | ·364 | ·283 | ·302 | ·304 | 52·2 | 76·2 | 83·2 | 57·2 | 67·2 | 85·6 | 48·7 | 36·9 | 10·1 | 144·0 | 58·4 | 40·9 | 7·8 | Calm | N | NW | Calm | 28·9 |
| 4 | ·265 | ·338 | ·243 | ·273 | ·280 | 51·2 | 75·1 | 85·2 | 58·7 | 67·6 | 86·1 | 47·9 | 38·2 | 10·5 | 146·0 | 59·9 | 39·9 | 8·0 | Calm | Calm | Calm | Calm | 22.2 |
| 5 | ·255 | ·361 | ·264 | ·292 | ·293 | 53·2 | 77·8 | 81·7 | 58·2 | 67·7 | 85·1 | 51·0 | 34·1 | 10·2 | 145·2 | 60·1 | 44·9 | 6·1 | Calm | Calm | Calm | Calm | 8·0 |
| 6 | ·272 | ·312 | ·205 | ·239 | ·257 | 52·7 | 76·2 | 83·0 | 57·2 | 67·3 | 85·1 | 49·5 | 35·6 | 10·1 | 142·0 | 56·9 | 41·9 | 7·6 | E | Calm | Calm | Calm | 18·5 |
| 7 | ·233 | ·290 | ·226 | ·262 | ·253 | 50·7 | 76·7 | 78·2 | 57·4 | 65·8 | 84·3 | 47·7 | 36·6 | 10·2 | 144·0 | 59·7 | 39·9 | 7·8 | Calm | Calm | Calm | Calm | 11·3 |
| 8 | ·270 | ·340 | ·277 | ·309 | ·299 | 50·2 | 75·1 | 81·2 | 57·2 | 65·9 | 84·1 | 47·1 | 37·0 | 10·3 | 142·0 | 57·9 | 39·9 | 7·2 | Calm | W | NW | Calm | 30·9 |
| 9 | ·286 | ·332 | ·242 | ·266 | ·281 | 52·2 | 75·9 | 82·2 | 55·2 | 66·4 | 84·1 | 49·0 | 35·1 | 10·5 | 143·8 | 59·7 | 38·9 | 10·1 | Calm | W | NW | Calm | 39·7 |
| 10 | ·258 | ·301 | ·213 | ·259 | ·258 | 48·2 | 73·6 | 81·8 | 53·2 | 64·2 | 83·6 | 43·1 | 40·5 | 10·4 | 144·0 | 60·4 | 33·8 | 9·3 | W | W | W | Calm | 34·4 |
| 11 | ·249 | ·318 | ·246 | ·288 | ·275 | 44·8 | 70·9 | 81·2 | 53·2 | 62·5 | 82·9 | 42·5 | 40·4 | 10·3 | 143·0 | 60·1 | 33·1 | 9·4 | Calm | W | Calm | Calm | 22·5 |
| 12 | ·296 | ·406 | ·319 | ·357 | ·344 | 46·2 | 71·9 | 80·7 | 52·2 | 62·8 | 84·1 | 42·6 | 41·5 | 10·4 | 142·2 | 58·1 | 32·8 | 9·8 | Calm | NW | W | Calm | 29·1 |
| 13 | ·335 | ·361 | ·237 | ·263 | ·299 | 46·7 | 72·1 | 81·0 | 54·2 | 63·5 | 83·6 | 42·3 | 41·3 | 10·3 | 140·5 | 56·9 | 32·8 | 9·5 | Calm | Calm | W | Calm | 31·7 |
| 14 | ·248 | ·310 | ·188 | ·231 | ·244 | 46·7 | 72·9 | 81·9 | 53·4 | 63·7 | 85·1 | 43·1 | 42·0 | 10 · | 143·0 | 57·9 | 33·8 | 9·3 | Calm | Calm | Calm | Calm | 12·2 |
| 15 | ·220 | ·305 | ·223 | ·269 | ·254 | 46·2 | 73·6 | 81·0 | 56·2 | 64·3 | 85·6 | 44·1 | 41·5 | 10·1 | 142·5 | 56·9 | 36·3 | 7·8 | Calm | SE | Calm | E | 11·3 |
| 16 | ·236 | ·317 | ·235 | ·273 | ·265 | 48·2 | 74·3 | 79·7 | 54·4 | 64·2 | 84·6 | 44·1 | 40·5 | 10·2 | 142·0 | 57·4 | 36·9 | 7·2 | Calm | Calm | Calm | Calm | 8·8 |
| 17 | ·259 | ·330 | ·229 | ·257 | ·269 | 47·2 | 72·1 | 81·2 | 53·2 | 63·4 | 83·6 | 44·1 | 39·5 | 10·2 | 141·5 | 57·9 | 34·8 | 9·3 | Calm | Calm | Calm | Calm | 14·2 |
| 18 | ·250 | ·363 | ·300 | ·379 | ·323 | 46·2 | 76·4 | 78·0 | 53·2 | 63·4 | 81·8 | 42·6 | 39·2 | 10·0 | 141·2 | 59·4 | 34·8 | 7·8 | Calm | Calm | Calm | Calm | 11·2 |
| 19 | ·389 | ·484 | ·364 | ·405 | ·411 | 47·4 | 66·1 | 78·2 | 53·2 | 61·2 | 80·5 | 44·1 | 36·4 | 7·7 | 146·5 | 66·0 | 35·8 | 8·3 | Calm | W | N | Calm | 29·2 |
| 20 | ·378 | ·459 | ·338 | ·364 | ·385 | 47·2 | 69·9 | 79·2 | 52·2 | 62·1 | 80·7 | 42·1 | 38·6 | 10·0 | 139·0 | 58·3 | 32·3 | 9·8 | Calm | NE | W | Calm | 25·7 |
| 21 | ·336 | ·383 | ·322 | ·373 | ·354 | 46·0 | 71·1 | 78·2 | 53·4 | 62·2 | 81·0 | 42·1 | 38·9 | 9·8 | 138·5 | 57·5 | 33·8 | 8·3 | Calm | Calm | Calm | Calm | 16·7 |
| 22 | ·367 | ·443 | ·389 | ·418 | ·404 | 45·2 | 70·9 | 78·2 | 52·2 | 61·6 | 80·0 | 42·1 | 37·9 | 9·7 | 137·0 | 57·0 | 32·3 | 9·8 | Calm | Calm | Calm | Calm | 19·8 |
| 23 | ·401 | ·468 | ·386 | ·411 | ·416 | 45·2 | 69·1 | 78·2 | 51·2 | 60·9 | 79·8 | 40·7 | 39·1 | 9·6 | 137·0 | 57·2 | 32·3 | 8·4 | Calm | NW | W | Calm | 21·0 |
| 24 | ·378 | ·420 | ·312 | ·339 | ·362 | 43·3 | 68·7 | 74·6 | 49·2 | 58·9 | 79·0 | 40·9 | 38·1 | 9·6 | 137·0 | 58·0 | 29·8 | 11·1 | Calm | W | W | Calm | 26·6 |
| 25 | ·319 | ·391 | ·305 | ·363 | ·345 | 44·3 | 67·9 | 73·1 | 50·2 | 58·9 | 79·2 | 40·1 | 39·1 | 9·6 | 137·0 | 57·8 | 32·8 | 7·3 | Calm | SE | Calm | Calm | 8·3 |
| 26 | ·335 | ·429 | ·323 | ·375 | ·365 | 46·0 | 68·6 | 71·9 | 49·2 | 58·9 | 77·0 | 40·1 | 36·9 | 9·5 | 135·0 | 58·0 | 29·8 | 10·3 | Calm | Calm | Calm | Calm | 10·1 |
| 27 | ·359 | ·433 | ·313 | ·351 | ·364 | 44·3 | 67·1 | 71·3 | 51·2 | 58·5 | 77·0 | 40·6 | 36·4 | 9·5 | 135·0 | 58·0 | 31·8 | 8·8 | Calm | NW | Calm | Calm | 11·7 |
| 28 | ·325 | ·380 | ·325 | ·346 | ·344 | 46·2 | 66·1 | 68·1 | 55·2 | 58·9 | 74·0 | 43·1 | 30·9 | 2·4 | 129·0 | 55·0 | 34·3 | 8·8 | Calm | Calm | Calm | Calm | 4·8 |
| 29 | ·321 | ·411 | ·335 | ·365 | ·358 | 45·7 | 66·1 | 73·1 | 49·2 | 58·5 | 74·6 | 41·3 | 33·3 | 9·3 | 130·0 | 55·4 | 34·8 | 6·5 | Calm | Calm | Calm | Calm | 19·1 |
| 30 | ·370 | ·439 | ·360 | ·392 | ·390 | 44·3 | 66·1 | 73·1 | 52·7 | 59·1 | 78·6 | 40·6 | 38·0 | 9·4 | 132·0 | 53·4 | 32·8 | 7·8 | Calm | W | Calm | Calm | 9·5 |
| Mean | 29·295 | 29·367 | 29·279 | 29·316 | 29·315 | 48·3 | 72·1 | 78·9 | 54·3 | 63·4 | 82·1 | 44·7 | 37·4 | Total 285·2 | 140·6 | 58·5 | 36·2 | 8·5 | ... | ... | ... | ... | 22·2 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 53·3 | 62·2 | 63·2 | 57·7 | 59·1 | 52·6 | ·327 | ·348 | ·314 | ·338 | ·332 | ·346 | 65 | 38 | 27 | 49 | 45 | 75 | ... | 0 | 3 | 2 | 0 | *b.* | Pc. *c.* | *b.* |
| 2 | 52·3 | 62·7 | 63·2 | 53·3 | 57·9 | 51·3 | ·265 | ·377 | ·301 | ·337 | ·320 | ·304 | 47 | 41 | 26 | 67 | 45 | 64 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 48·3 | 59·7 | 60·2 | 51·3 | 54·9 | 46·1 | ·288 | ·295 | ·217 | ·301 | ·275 | ·279 | 73 | 33 | 19 | 63 | 47 | 82 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 47·3 | 59·4 | 63·2 | 54·3 | 56·0 | 45·7 | ·276 | ·300 | ·287 | ·365 | ·307 | ·279 | 72 | 34 | 23 | 73 | 51 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 49·2 | 61·2 | 63·2 | 52·8 | 56·6 | 48·1 | ·299 | ·320 | ·334 | ·330 | ·321 | ·299 | 73 | 34 | 31 | 67 | 51 | 79 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 48·3 | 59·2 | 61·2 | 53·1 | 55·5 | 48·1 | ·282 | ·279 | ·251 | ·351 | ·291 | ·319 | 70 | 27 | 22 | 75 | 49 | 89 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 48·3 | 59·0 | 60·2 | 52·3 | 54·9 | 46·6 | ·308 | ·266 | ·284 | ·326 | ·296 | ·304 | 82 | 29 | 29 | 69 | 52 | 93 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 8 | 46·5 | 58·2 | 59·2 | 50·5 | 53·6 | 46·1 | ·269 | ·263 | ·212 | ·280 | ·256 | ·300 | 74 | 30 | 20 | 59 | 46 | 93 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 9 | 46·3 | 57·7 | 58·2 | 49·1 | 52·8 | 45·1 | ·238 | ·236 | ·168 | ·270 | ·228 | ·250 | 60 | 27 | 15 | 62 | 41 | 71 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 10 | 44·4 | 56·2 | 58·7 | 47·3 | 51·6 | 41·3 | ·244 | ·222 | ·189 | ·250 | ·226 | ·238 | 71 | 26 | 18 | 61 | 44 | 85 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 11 | 41·4 | 56·1 | 58·2 | 46·8 | 50·6 | 40·8 | ·217 | ·255 | ·181 | ·237 | ·222 | ·234 | 72 | 34 | 17 | 58 | 45 | 86 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 12 | 42·4 | 53·3 | 59·2 | 46·3 | 50·3 | 40·7 | ·223 | ·162 | ·219 | ·238 | ·211 | ·230 | 70 | 20 | 21 | 60 | 43 | 84 | .. | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 13 | 42·4 | 55·3 | 58·2 | 47·8 | 50·9 | 40·1 | ·216 | ·216 | ·184 | ·249 | ·216 | ·220 | 67 | 27 | 17 | 59 | 42 | 81 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 14 | 43·4 | 57·2 | 61·2 | 49·5 | 52·8 | 42·1 | ·239 | ·262 | ·266 | ·304 | ·268 | ·256 | 75 | 32 | 24 | 73 | 51 | 92 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 15 | 44·4 | 57·2 | 62·0 | 51·3 | 53·7 | 42·9 | ·270 | ·252 | ·304 | ·315 | ·285 | ·261 | 85 | 30 | 29 | 69 | 53 | 90 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 16 | 45·2 | 57·7 | 59·2 | 50·3 | 53·1 | 42·9 | ·263 | ·258 | ·232 | ·312 | ·266 | ·261 | 78 | 31 | 23 | 74 | 52 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 44·9 | 57·2 | 58·7 | 49·3 | 52·5 | 42·7 | ·269 | ·272 | ·197 | ·301 | ·260 | ·257 | 83 | 34 | 19 | 73 | 52 | 88 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 18 | 44·2 | 56·2 | 58·2 | 49·5 | 52·0 | 42·1 | ·265 | ·185 | ·224 | ·306 | ·245 | ·262 | 84 | 21 | 23 | 75 | 51 | 96 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* 8 | *b.* |
| 19 | 44·9 | 55·8 | 59·0 | 49·1 | 52·2 | 42·1 | ·269 | ·311 | ·245 | ·296 | ·280 | ·243 | 81 | 48 | 26 | 73 | 57 | 84 | ... | 4 | 2 | 2 | 0 | Pk. *c.* | Pk. *c.* | *b.* |
| 20 | 43·9 | 56·2 | 59·2 | 48·3 | 51·9 | 40·6 | ·245 | ·271 | ·239 | ·288 | ·261 | ·234 | 75 | 37 | 24 | 73 | 52 | 88 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 21 | 44·4 | 55·3 | 59·2 | 48·3 | 51·8 | 41·1 | ·273 | ·229 | ·252 | ·273 | ·257 | ·246 | 88 | 30 | 26 | 67 | 53 | 92 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 22 | 43·4 | 57·2 | 59·7 | 47·5 | 51·9 | 41·1 | ·259 | ·287 | ·268 | ·268 | ·270 | ·246 | 85 | 38 | 28 | 68 | 54 | 92 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 23 | 42·4 | 55·3 | 58·2 | 47·3 | 50·8 | 39·6 | ·236 | ·256 | ·221 | ·276 | ·247 | ·230 | 77 | 35 | 23 | 72 | 52 | 92 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 24 | 41·2 | 54·8 | 58·2 | 47·3 | 50·4 | 39·9 | ·233 | ·246 | ·269 | ·302 | ·263 | ·234 | 83 | 35 | 31 | 85 | 59 | 92 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 25 | 42·4 | 55·3 | 58·2 | 46·8 | 50·7 | 39·9 | ·247 | ·272 | ·289 | ·276 | ·271 | ·244 | 84 | 40 | 35 | 75 | 58 | 98 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 26 | 42·4 | 56·2 | 57·2 | 47·1 | 50·7 | 39·1 | ·225 | ·289 | ·276 | ·297 | ·272 | ·227 | 73 | 41 | 35 | 85 | 58 | 91 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 27 | 42·2 | 55·8 | 57·7 | 47·3 | 50·8 | 40·1 | ·243 | ·297 | ·298 | ·276 | ·278 | ·243 | 84 | 44 | 40 | 72 | 60 | 95 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 28 | 43·6 | 53·3 | 57·7 | 51·3 | 51·5 | 42·1 | ·251 | ·238 | ·340 | ·328 | ·289 | ·256 | 81 | 36 | 49 | 74 | 60 | 92 | ... | 2 | 8 | 10 | 8 | Ck. *c.* | Pc. 8 | Pc. *c.* |
| 29 | 43·9 | 54·8 | 58·2 | 46·8 | 50·9 | 41·1 | ·265 | ·281 | ·289 | ·291 | ·282 | ·256 | 86 | 44 | 35 | 82 | 62 | 98 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| 30 | 42·4 | 53·8 | 57·7 | 48·3 | 50·6 | 40·1 | ·247 | ·253 | ·274 | ·282 | ·264 | ·243 | 84 | 39 | 34 | 70 | 57 | 95 | ... | 0 | 0 | 0 | 0 | *b. d* | *b.* | *b.* |
| Mean | 45·0 | 57·0 | 59·5 | 49·6 | 52·8 | 43·1 | ·258 | ·267 | ·254 | ·295 | ·269 | ·260 | 76 | 34 | 26 | 69 | 51 | 88 | Total ... | 0·20 | 0·43 | 0·47 | 0·27 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of air. | | | | | Temperature of radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 28·906 | 28·769 | 79·2 | 82·2 | 84·8 | 61·5 | 23·3 | 148·4 | 63·6 | 45·7 | 15·8 | NNE | NNE | NNE | NNE | 165 |
| 2 | ·913 | ·782 | 79·3 | 84·0 | 84·3 | 63·4 | 20·9 | 148·3 | 64·0 | 48·7 | 14·7 | NNE | NNE | NE | NNE | 180 |
| 3 | ·956 | ·850 | 80·2 | 83·7 | 85·2 | 65·2 | 20·0 | 143·9 | 58·7 | 53·9 | 11·3 | NNE | NE | NNE | NE | 190 |
| 4 | 29·000 | ·878 | 75·7 | 84·2 | 85·7 | 66·0 | 19·7 | 147·0 | 61·3 | 56·0 | 10·0 | NNE | NNE | ENE | ? | 162* |
| 5 | 28·984 | ·844 | 81·1 | 84·1 | 86·3 | 67·5 | 18·8 | 153·9 | 67·6 | 58·3 | 9·2 | ? | ENE | ENE | NE | 98† |
| 6 | ·961 | ·833 | 76·4 | 80·5 | 83·6 | 72·2 | 11·4 | 145·1 | 61·5 | 64·3 | 7·9 | NE | ENE | ESE | ENE | 122 |
| 7 | ·953 | ·829 | 78·2 | 81·2 | 85·3 | 64·4 | 20·9 | 146·4 | 61·1 | 58·8 | 5·6 | NE | ENE | S | NE | 121 |
| 8 | ·978 | ·861 | 79·2 | 84·9 | 85·8 | 69·7 | 16·1 | 146·7 | 60·9 | 64·0 | 5·7 | N | NNE | ENE | Calm | 74 |
| 9 | ·978 | ·837 | 81·5 | 86·2 | 87·2 | 69·9 | 17·3 | 148·3 | 61·1 | 59·9 | 10·0 | NNE | ENE | NE | N | 72 |
| 10 | ·963 | ·814 | 81·0 | 87·9 | 88·6 | 69·7 | 18·9 | 149·4 | 60·8 | 59·8 | 9·9 | N | NNE | ENE | Calm | 64 |
| 11 | ·972 | ·847 | 82·5 | 87·2 | 88·2 | 69·4 | 18·8 | 145·4 | 57·2 | 59·3 | 10·1 | NNE | ENE | ENE | NE | 87 |
| 12 | 29·036 | ·924 | 82·8 | 86·2 | 88·1 | 68·3 | 19·8 | 142·0 | 53·9 | 58·9 | 9·4 | NNE | ENE | N | NNE | 92 |
| 13 | ·031 | ·905 | 80·2 | 85·2 | 86·1 | 63·0 | 23·1 | 141·4 | 55·3 | 51·4 | 11·6 | NE | NNE | NNW | Calm | 103 |
| 14 | ·008 | ·872 | 79·7 | 82·7 | 84·2 | 59·5 | 24·7 | 140·9 | 56·7 | 45·3 | 14·2 | N | NNW | NNW | N | 128 |
| 15 | ·012 | ·878 | 77·2 | 82·2 | 83·8 | 56·3 | 27·5 | 141·1 | 57·3 | 39·9 | 16·4 | NNW | NNW | NNE | NE | 130 |
| 16 | 28·995 | ·875 | 75·7 | 82·0 | 83·2 | 55·4 | 27·8 | 140·1 | 56·9 | 39·8 | 15·6 | N | N | NNE | NNE | 122 |
| 17 | ·975 | ·832 | 75·7 | 81·7 | 82·7 | 55·5 | 27·2 | 139·1 | 56·4 | 41·8 | 13·7 | N | N | NNE | NNE | 118 |
| 18 | ·979 | ·886 | 77·4 | 80·7 | 83·2 | 56·3 | 26·9 | 138·9 | 55·7 | 40·9 | 15·4 | N | NE | NNE | NNE | 135 |
| 19 | 29·050 | ·950 | 78·6 | 80·4 | 83·3 | 57·7 | 25·6 | 139·4 | 56·1 | 43·3 | 14·4 | NNE | NNE | NNE | NNE | 129 |
| 20 | ·090 | ·967 | 77·4 | 81·2 | 84·3 | 61·3 | 23·0 | 140·1 | 55·8 | 47·0 | 14·3 | NNE | NE | N | N | 119 |
| 21 | ·043 | ·921 | 77·5 | 81·2 | 84·2 | 58·5 | 25·7 | 139·9 | 55·7 | 43·4 | 15·1 | N | NNE | NE | NNE | 119 |
| 22 | ·080 | ·975 | 76·7 | 80·5 | 82·5 | 57·3 | 25·2 | 138·7 | 56·2 | 42·4 | 14·9 | NNE | NNE | NNW | NNW | 114 |
| 23 | ·105 | 29·000 | 75·7 | 79·7 | 81·2 | 56·1 | 25·1 | 137·9 | 56·7 | 39·3 | 16·8 | NNW | NNE | NNE | NNE | 132 |
| 24 | ·086 | 28·953 | 71·4 | 76·4 | 78·8 | 54·6 | 24·2 | 139·2 | 60·4 | 39·9 | 14·7 | N | NNE | NNE | NNE | 140 |
| 25 | ·097 | ·964 | 70·4 | 77·2 | 79·3 | 52·4 | 26·9 | 138·7 | 59·4 | 36·4 | 16·0 | NNW | N | NE | NE | 134 |
| 26 | ·115 | ·991 | 72·0 | 79·2 | 80·2 | 49·6 | 30·6 | 137·0 | 56·8 | 33·9 | 15·7 | NNW | N | NE | NE | 120 |
| 27 | ·099 | ·933 | 73·7 | 78·2 | 80·2 | 52·0 | 28·2 | 137·4 | 57·2 | 36·0 | 16·0 | NNW | N | NE | NE | 134 |
| 28 | ·039 | ·923 | 72·2 | 78·3 | 80·3 | 51·2 | 29·1 | 137·1 | 56·8 | 35·9 | 15·3 | N | N | N | E | 111 |
| 29 | ·065 | ·941 | 71·7 | 80·1 | 80·6 | 54·7 | 25·9 | 136·9 | 56·3 | 37·8 | 16·9 | NNW | N | N | N | 100 |
| 30 | ·056 | ·945 | 73·9 | 80·2 | 81·1 | 55·9 | 25·2 | 137·4 | 56·3 | 40·9 | 15·0 | NNW | N | NE | NE | 106 |
| Mean | 29·018 | 28·893 | 77·1 | 82·0 | 83·7 | 60·5 | 23·3 | 142·2 | 58·5 | 47·4 | 13·1 | ... | ... | ... | ... | 123·2‡ |

* Total movement of 19 hours.
† " " 14 "
‡ Mean of 29·4 days.

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 67·4 | 69·0 | 57·0 | ·527 | ·544 | ·411 | 53 | 49 | 75 | ... | 2 | 5 | C. *c. b.* | C. Pc. K. *c.* | C. Pc. K. *c.* |
| 2 | 69·0 | 72·4 | 58·8 | ·582 | ·655 | ·445 | 58 | 56 | 76 | ... | 3 | 7 | C. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 3 | 67·7 | 70·7 | 59·7 | ·519 | ·585 | ·442 | 51 | 51 | 72 | ... | 5 | 6 | Pc. K. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 4 | 65·9 | 69·8 | 58·8 | ·519 | ·553 | ·411 | 58 | 47 | 64 | ... | 10 | 7 | Pc. *o.* | Pc. K. *c.* | Pc. K. *c.* |
| 5 | 71·6 | 72·4 | 60·7 | ·654 | ·652 | ·445 | 62 | 55 | 67 | ... | 3 | 8 | Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 6 | 72·9 | 75·4 | 68·6 | ·769 | ·821 | ·654 | 84 | 79 | 83 | 0·08 | 10 | 9 | Pc. Pk. *o.* | Pc. Pk. *c. t. d.* | Pc. Pk. *c. t.* |
| 7 | 72·7 | 74·0 | 62·5 | ·731 | ·750 | ·542 | 76 | 70 | 89 | 0·20 | 4 | 7 | C. Pc. *c.* | Pc. Pk. *c.* | P. P. *c.* |
| 8 | 72·9 | 73·9 | 68·0 | ·734 | ·703 | ·664 | 73 | 58 | 91 | 1·48 | 2 | 2 | C. K. *c.* | C. K. *c.* | C. K. *c. b.* |
| 9 | 74·3 | 72·9 | 68·6 | ·764 | ·646 | ·683 | 70 | 51 | 94 | ... | 0 | 3 | *b.* | K. *c.* | K. *c. b.* |
| 10 | 73·2 | 73·9 | 67·8 | ·716 | ·665 | ·661 | 68 | 50 | 90 | ... | 2 | 3 | C. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 11 | 71·8 | 73·0 | 65·3 | ·651 | ·634 | ·580 | 58 | 49 | 80 | ... | 3 | 3 | C. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 12 | 69·3 | 68·8 | 63·3 | ·553 | ·491 | ·525 | 49 | 39 | 75 | ... | 1 | 1 | C. *b.* | K. *b.* | K. *b.* |
| 13 | 63·9 | 67·9 | 59·3 | ·395 | ·470 | ·464 | 38 | 38 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 64·4 | 62·9 | 55·9 | ·418 | ·330 | ·407 | 41 | 29 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 62·0 | 62·4 | 50·4 | ·367 | ·320 | ·294 | 39 | 29 | 64 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 61·8 | 62·0 | 50·4 | ·382 | ·307 | ·307 | 42 | 28 | 69 | ... | 0 | 1 | *b.* | C. *b.* | C. *c. b.* |
| 17 | 62·4 | 62·4 | 50·9 | ·402 | ·327 | ·320 | 45 | 30 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 63·9 | 62·9 | 50·9 | ·429 | ·355 | ·307 | 45 | 33 | 67 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 65·9 | 66·7 | 52·0 | ·481 | ·480 | ·318 | 48 | 47 | 67 | ... | 1 | 6 | *c. b.* | C. *c.* | C. *c.* |
| 20 | 67·9 | 68·8 | 56·5 | ·567 | ·553 | ·399 | 60 | 51 | 74 | ... | 1 | 4 | C. *c.* | C. Pc. K. *c.* | C. Pc. K. *c.* |
| 21 | 66·4 | 67·9 | 54·2 | ·514 | ·520 | ·366 | 54 | 48 | 75 | ... | 0 | 2 | *b.* | Pc. K. *c.* | Pc. C. *b.* |
| 22 | 61·9 | 63·4 | 52·0 | ·373 | ·375 | ·324 | 40 | 36 | 69 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 59·9 | 62·9 | 49·9 | ·323 | ·368 | ·285 | 36 | 36 | 62 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 58·9 | 59·9 | 48·8 | ·346 | ·314 | ·277 | 45 | 34 | 64 | ... | 6 | 7 | C. *c.* | C. *c.* | C. *c.* |
| 25 | 58·4 | 58·9 | 47·7 | ·343 | ·274 | ·271 | 45 | 29 | 69 | ... | 4 | 4 | C. *c.* | C. *c.* | C. *c.* |
| 26 | 57·8 | 58·9 | 43·9 | ·307 | ·250 | ·118 | 38 | 24 | 61 | ... | 1 | 1 | C. *b.* | C. *b.* | C. *b.* |
| 27 | 59·4 | 60·4 | 46·9 | ·333 | 308 | ·262 | 40 | 32 | 67 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 59·8 | 61·9 | 46·9 | ·364 | ·351 | ·271 | 45 | 36 | 71 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 61·0 | 63·8 | 49·9 | ·404 | ·395 | ·303 | 52 | 38 | 70 | ... | 0 | 2 | *b.* | C. *c. b.* | C. *c.* |
| 30 | 62·4 | 63·9 | 50·9 | ·423 | ·395 | ·314 | 50 | 38 | 70 | ... | 0 | 1 | *b.* | C. *b.* | C. *c. b.* |
| Mean | 65·6 | 66·8 | 55·9 | ·496 | ·480 | ·406 | 52 | 43 | 74 | Total 1·76 | 1·93 | 2·97 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on grass. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·843 | 29·883 | 29·755 | 29·827 | 29·816 | 73·2 | 80 3 | 81·6 | 75·9 | 79·1 | 88 2 | 71·9 | 16·3 | 9·5 | 146·0 | 57·8 | 61·3 | 10·6 | E | ENE | NW | N | 26·0 |
| 2 | ·819 | ·870 | ·767 | ·847 | ·815 | 73·1 | 80·5 | 82·4 | 77·1 | 79·4 | 87·6 | 71·2 | 16·4 | 10·7 | 146·1 | 58·5 | 61·1 | 10·1 | ENE | ENE | NW | NNW | 26·1 |
| 3 | ·860 | ·902 | ·783 | ·871 | ·843 | 75·4 | 81·6 | 83·4 | 77·8 | 81·2 | 91·1 | 72·2 | 18·9 | 10·6 | 146·9 | 55·8 | 63·7 | 8·5 | ENE | ENE | NW | NW | 31·0 |
| 4 | ·883 | ·924 | ·783 | ·863 | ·850 | 76·4 | 83·6 | 82·6 | 79·7 | 81·8 | 89·8 | 74·8 | 15·0 | 10·6 | 146·5 | 56·7 | 67·5 | 7·3 | ENE | ENE | NNW | NE | 34·9 |
| 5 | ·858 | ·922 | ·783 | ·871 | ·849 | 77 2 | 77·5 | 76·8 | 74·4 | 76·5 | 82·1 | 74·9 | 7·2 | 0 | 129·1 | 47·0 | 71·7 | 3·2 | S | NE | N | NNE | 26 0 |
| 6 | ·825 | ·880 | ·775 | ·831 | ·817 | 75·0 | 79·5 | 82·1 | 77·7 | 79·5 | 84·0 | 73·8 | 10·2 | 7·7 | 139·8 | 55·8 | 71·9 | 1·9 | E | E | S | SSE | 31·8 |
| 7 | ·822 | ·890 | ·798 | ·889 | ·840 | 76·5 | 81·2 | 82·4 | 78 6 | 80·4 | 84·7 | 75·6 | 9·1 | 10·3 | 138·0 | 53·3 | 71·4 | 4·2 | SE | ESE | WSW | W | 19·6 |
| 8 | ·868 | ·926 | ·833 | ·905 | ·874 | 77·2 | 81·6 | 84·0 | 80·2 | 81·6 | 86·8 | 75·5 | 11·3 | 8·7 | 149·1 | 62·3 | 73·7 | 1·8 | ENE | ENE | SSE | NE | 14·4 |
| 9 | ·876 | ·934 | ·815 | ·910 | ·873 | 77·5 | 83·3 | 85·0 | 80·4 | 82·9 | 90·1 | 75·6 | 14·5 | 10·6 | 146·1 | 56·0 | 71·2 | 4·4 | NE | ENE | W | N | 20·3 |
| 10 | ·862 | ·907 | ·775 | ·887 | ·846 | 78·4 | 83·6 | 85·0 | 80·2 | 82·5 | 88·5 | 75·5 | 13·0 | 10·4 | 141·8 | 53·3 | 70·6 | 4·9 | NE | ENE | WNW | NNE | 20·6 |
| 11 | ·846 | ·886 | ·794 | ·896 | ·843 | 77·4 | 83·4 | 84·5 | 81·7 | 82·8 | 88·9 | 76·2 | 12·7 | 2·6 | 140·4 | 51·5 | 70·5 | 5·7 | NNE | ENE | WNW | N | 19·2 |
| 12 | ·856 | ·969 | ·869 | ·954 | ·912 | 80·2 | 82·4 | 84·3 | 80·6 | 82·4 | 87·6 | 78·2 | 9·4 | 1·1 | 150·0 | 62·4 | 73·0 | 5·2 | ESE | ESE | WSW | NNE | 20·1 |
| 13 | ·939 | ·984 | ·854 | ·958 | ·920 | 78·6 | 84·7 | 86·1 | 81·6 | 83·8 | 90·0 | 78·1 | 11·9 | 10·5 | 147·1 | 57·1 | 72·9 | 5·2 | ENE | E | WNW | N | 22 6 |
| 14 | ·935 | ·974 | ·847 | ·929 | ·909 | 78·1 | 84·3 | 85·2 | 80 8 | 83·0 | 89·5 | 76·9 | 12·6 | 10·6 | 146·0 | 56·5 | 70·7 | 6·2 | ENE | ENE | WNW | N | 22·4 |
| 15 | ·927 | ·973 | ·851 | ·927 | ·909 | 77·5 | 82·4 | 83·9 | 79·1 | 81·4 | 85·8 | 76·0 | 9·8 | 10·6 | 140·2 | 54·4 | 67·2 | 8·8 | ENE | ENE | NW | NE | 27·0 |
| 16 | ·904 | ·956 | ·852 | ·908 | 897 | 75·3 | 80·7 | 84·3 | 77·2 | 80·5 | 86·7 | 74·0 | 12·7 | 10·6 | 142·0 | 55·3 | 63·8 | 10·2 | NNE | E | WNW | N | 15·6 |
| 17 | ·901 | ·950 | ·828 | ·896 | ·884 | 73·7 | 79 6 | 83·8 | 77·2 | 79·7 | 86·1 | 73·1 | 13·0 | 10·6 | 141·9 | 55·8 | 63·6 | 9·5 | ENE | E | WNW | N | 18·2 |
| 18 | ·894 | ·948 | ·861 | ·955 | ·904 | 73·7 | 79·7 | 83·3 | 76·0 | 79·4 | 86·5 | 73·0 | 13·5 | 10·6 | 140·3 | 53·8 | 64·2 | 8·8 | E | ENE | NW | N | 19·9 |
| 19 | ·955 | 30·002 | ·912 | ·991 | ·953 | 74·3 | 80·4 | 83·1 | 75·6 | 79·7 | 88·0 | 72·8 | 15·2 | 10·4 | 143·4 | 55·4 | 61·7 | 11·1 | ENE | E | NW | N | 28·3 |
| 20 | ·980 | ·022 | ·920 | ·970 | ·964 | 75·2 | 80·6 | 83 6 | 78·1 | 81·0 | 89·5 | 73·9 | 15·6 | 10·4 | 144·0 | 54·5 | 63·2 | 10·7 | ENE | ENE | NW | N | 32·8 |
| 21 | ·944 | 29·989 | ·883 | ·954 | ·931 | 75·9 | 82·4 | 83·9 | 78 6 | 81·4 | 89·0 | 74·6 | 14·4 | 10·4 | 144·0 | 55·0 | 64·7 | 9·9 | ENE | ENE | NNW | N | 30·9 |
| 22 | ·957 | 30·005 | ·915 | ·969 | ·952 | 76·4 | 82·8 | 83·9 | 78·9 | 81·2 | 88·9 | 74·7 | 14·2 | 9·5 | 143·0 | 54·1 | 67·8 | 6·9 | NNE | ENE | NW | N | 26·1 |
| 23 | ·987 | ·042 | ·938 | 30·007 | ·983 | 76·2 | 81·6 | 84·5 | 77·7 | 81·7 | 89·0 | 76·0 | 13·0 | 10·1 | 143·7 | 54·7 | 63·6 | 12·4 | NE | ENE | NNW | N | 30·1 |
| 24 | ·972 | ·032 | ·913 | 29·985 | ·965 | 75·2 | 79·4 | 85·0 | 75·4 | 80·2 | 87·2 | 73·8 | 13·4 | 9·7 | 144·8 | 57·6 | 62·9 | 10·9 | ENE | ENE | NNE | N | 34·1 |
| 25 | ·960 | ·008 | ·893 | ·984 | ·947 | 72·5 | 78·0 | 84·1 | 76·8 | 79·7 | 87·9 | 71·4 | 16·5 | 10·2 | 141·0 | 53·1 | 60·7 | 10·7 | NE | ENE | WWN | NNW | 31·8 |
| 26 | ·978 | ·036 | ·922 | ·993 | ·970 | 74·2 | 79·5 | 84·7 | 77·0 | 80·7 | 88·3 | 72·2 | 16·1 | 10·4 | 142·2 | 53·9 | 60·3 | 11·9 | ENE | ENE | NW | NNW | 26·9 |
| 27 | ·981 | ·024 | ·905 | ·961 | ·957 | 73·0 | 80·4 | 84 6 | 75·1 | 79·8 | 87·5 | 72·2 | 15·3 | 10·4 | 143·7 | 56·2 | 61·1 | 11·1 | ENE | E | WNW | N | 31·9 |
| 28 | ·950 | 29·986 | ·878 | ·958 | ·931 | 70·0 | 78·7 | 83·4 | 74·7 | 78·3 | 87·9 | 69·1 | 18·8 | 10·5 | 141·3 | 53·4 | 57·3 | 11·8 | ENE | ENE | ENE | N | 23·6 |
| 29 | ·973 | 30·015 | ·906 | ·963 | ·954 | 70·2 | 79·5 | 82·1 | 74·4 | 78·2 | 86·1 | 68·8 | 17·3 | 10·2 | 143·0 | 56·9 | 57·9 | 10·9 | E | ENE | NW | N | 29·0 |
| 30 | ·967 | ·032 | ·908 | ·994 | ·966 | 69·4 | 76·7 | 80·7 | 73·1 | 76·3 | 83 8 | 68·0 | 15·8 | 9·8 | 140·2 | 56·4 | 55·2 | 12·8 | E | E | NW | N | 23·8 |
| Mean | 29·912 | 29·962 | 29·851 | 29·928 | 29·902 | 75·2 | 81·0 | 83·5 | 77·7 | 80·5 | 87·6 | 73·8 | 13·8 | Total. 278·3 | 143·1 | 55·5 | 65·5 | 8·3 | ... | ... | ... | ... | 255·0 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 67·5 | 67·5 | 71·7 | 71·0 | 70·2 | 64·8 | ·597 | ·504 | ·645 | ·694 | ·610 | ·520 | 73 | 49 | 60 | 77 | 64 | 67 | ... | 8 | 6 | 6 | 3 | Ck. C. | K. Ck. C. | K. C. |
| 2 | 67·9 | 69·1 | 74·4 | 71·6 | 71·5 | 65·6 | ·614 | ·559 | ·744 | ·702 | ·654 | ·557 | 75 | 53 | 67 | 73 | 67 | 73 | ... | 2 | 2 | 1 | 0 | K. Ck. C. | K. Ck. C. | *b.* |
| 3 | 67·1 | 70·4 | 75·6 | 73·8 | 72·6 | 65·4 | ·554 | ·594 | ·782 | ·781 | ·678 | ·537 | 64 | 55 | 68 | 82 | 68 | 68 | ... | 1 | 1 | 0 | 1 | K. Ck. C. | K. Ck. C. | Ck. C. |
| 4 | 70·7 | 73·1 | 74·7 | 72·9 | 73·7 | 69·0 | ·675 | ·675 | ·754 | ·719 | ·706 | ·632 | 74 | 59 | 67 | 71 | 67 | 73 | ... | 1 | 8 | 3 | 10 | K. C. | K. Ck.C. | K.Ck.C. *o.* |
| 5 | 74·6 | 74·7 | 74·6 | 73·2 | 74·3 | 72 6 | ·824 | ·823 | ·828 | ·803 | ·819 | ·772 | 89 | 88 | 90 | 94 | 91 | 89 | 1·02 | 10 | 10 | 10 | 10 | Pk. K. *r.* o. | Pk.K.Ck. *r.o.* | Pk K.Ck. *r.o.* |
| 6 | 73·6 | 76·5 | 77·5 | 74·7 | 76·1 | 72·5 | ·811 | ·873 | ·882 | ·820 | ·847 | ·783 | 93 | 87 | 81 | 86 | 86 | 94 | ... | 9 | 9 | 3 | 6 | K. Ck. | K. Ck. C. | K. C. |
| 7 | 74·1 | 75·6 | 78·1 | 76·5 | 76·4 | 73·7 | ·811 | ·812 | ·905 | ·886 | ·853 | ·807 | 88 | 77 | 82 | 90 | 85 | 91 | .. | 3 | 3 | 3 | 2 | K.Ck.C. | K. Ck. C. | K.Ck. |
| 8 | 75·3 | 76·7 | 78·1 | 76·2 | 76·9 | 74·4 | ·853 | ·854 | ·883 | ·851 | ·861 | ·838 | 91 | 79 | 75 | 82 | 81 | 95 | ... | 9 | 8 | 4 | 9 | K. Ck. | K. Ck. C. *t.* | K.Ck. |
| 9 | 74·5 | 78·1 | 79·4 | 76·5 | 77·8 | 73·8 | ·815 | ·893 | ·930 | ·861 | ·874 | ·811 | 86 | 78 | 77 | 83 | 81 | 92 | ... | 0 | 0 | 0 | 0 | Ck. | K. Ck. C. | K. |
| 10 | 74·7 | 76·4 | 78·6 | 74·7 | 76·6 | 74·1 | ·810 | ·813 | ·893 | ·786 | ·826 | ·825 | 83 | 70 | 74 | 76 | 76 | 93 | .. | 1 | 1 | 3 | 0 | K. Ck. | K. Ck. C. | K. |
| 11 | 74·1 | 78·0 | 80·1 | 78·2 | 77·6 | 72·9 | ·800 | ·887 | ·969 | ·919 | ·894 | ·766 | 85 | 77 | 81 | 85 | 82 | 86 | ... | 1 | 9 | 10 | 10 | K. Ck. | Pk.K. Ck. *c.o.* | K.Ck. *o.* |
| 12 | 77·4 | 77·1 | 78·5 | 73 5 | 76·8 | 74·7 | ·903 | ·861 | ·897 | ·732 | ·848 | ·813 | 88 | 78 | 76 | 71 | 78 | 84 | ... | 10 | 9 | 9 | 0 | K. Ck. *o.* | K. Ck. C. *o.* | K. |
| 13 | 74·5 | 77·8 | 80·1 | 75·7 | 77·4 | 74·1 | ·800 | ·861 | ·947 | ·810 | ·854 | ·790 | 82 | 72 | 76 | 75 | 77 | 82 | ... | 0 | 1 | 2 | 3 | Ck. | K. Ck. | K. C. |
| 14 | 74·9 | 76·7 | 79·3 | 76·4 | 77·2 | 73·6 | ·823 | ·818 | ·921 | ·851 | ·854 | ·786 | 85 | 70 | 76 | 80 | 77 | 85 | ... | 0 | 0 | 1 | 0 | *b.* | K. C. | *b.* |
| 15 | 72·2 | 73·9 | 74·8 | 74·1 | 74·2 | 70·9 | ·720 | ·723 | ·741 | ·777 | ·740 | ·689 | 76 | 65 | 64 | 78 | 72 | 77 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 71·4 | 73·7 | 74·5 | 70·5 | 72·4 | 69·0 | ·717 | ·739 | ·724 | ·657 | ·709 | ·643 | 81 | 71 | 61 | 71 | 71 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 17 | 69·8 | 71·7 | 75·3 | 72·3 | 72·5 | 68·4 | ·677 | ·672 | ·764 | ·728 | ·710 | ·632 | 81 | 66 | 65 | 77 | 72 | 77 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 69·9 | 70·4 | 72·9 | 68·5 | 70·7 | 69·1 | ·681 | ·620 | ·670 | ·598 | ·642 | ·659 | 82 | 60 | 59 | 67 | 67 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 68·7 | 71·5 | 71·8 | 70·2 | 71·2 | 68·4 | ·628 | ·652 | ·629 | ·667 | ·644 | ·637 | 74 | 62 | 56 | 75 | 67 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 67·0 | 69·7 | 74·2 | 72·4 | 71·8 | 66·7 | ·553 | ·580 | ·720 | ·720 | ·644 | ·559 | 63 | 56 | 62 | 75 | 64 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | Ck. | *b.* |
| 21 | 68·4 | 70·5 | 76·0 | 70·3 | 72·6 | 68·4 | ·596 | ·586 | ·792 | ·631 | ·651 | ·612 | 66 | 53 | 68 | 64 | 62 | 71 | ... | 0 | 0 | 0 | 0 | Ck. | Ck. C. | Ck. |
| 22 | 69·5 | 70·8 | 76·4 | 72·0 | 72·7 | 68·7 | ·629 | ·594 | ·810 | ·693 | ·681 | ·623 | 69 | 53 | 69 | 70 | 66 | 72 | ... | 7 | 1 | 2 | 0 | Pk. K. Ck. C. | K. Ck. C. | Ck. |
| 23 | 67·0 | 70·7 | 75·5 | 69·3 | 71·2 | 66·3 | ·539 | ·605 | ·763 | ·604 | ·628 | ·517 | 60 | 56 | 64 | 63 | 60 | 57 | ... | 3 | 4 | 1 | 0 | K. Ck. C. | Ck. C. | *b.* |
| 24 | 65 6 | 66·8 | 70·0 | 66·9 | 67·2 | 64·0 | ·504 | ·491 | ·533 | ·547 | ·519 | ·467 | 58 | 49 | 44 | 62 | 54 | 56 | ... | 8 | 6 | 7 | 0 | K. Ck. C. | Ck. C. | Ck. C. |
| 25 | 62·9 | 67·2 | 72·4 | 70·9 | 68·6 | 62·9 | ·447 | ·522 | ·638 | ·677 | ·571 | ·462 | 56 | 55 | 55 | 73 | 59 | 60 | ... | 2 | 1 | 2 | 0 | Ck. C. | Ck. C. | *b.* |
| 26 | 64·8 | 68·5 | 74·2 | 73·5 | 70·2 | 63·8 | ·489 | ·551 | ·705 | ·780 | ·631 | ·481 | 57 | 55 | 59 | 84 | 64 | 60 | ... | 0 | 0 | 0 | 0 | Ck. | Ck. C. | *b.* |
| 27 | 65·3 | 65·2 | 70·9 | 67·7 | 67·2 | 63·9 | ·522 | ·419 | ·573 | ·580 | ·524 | ·485 | 64 | 41 | 48 | 66 | 55 | 61 | .. | 0 | 0 | 0 | 0 | C. | K. Ck. | *b.* |
| 28 | 65·1 | 67·5 | 73·0 | 66·9 | 67·8 | 64·3 | ·555 | ·525 | ·673 | ·557 | ·577 | ·539 | 75 | 53 | 59 | 65 | 63 | 76 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 29 | 64·4 | 66·2 | 71·3 | 67·5 | 67·5 | 63·2 | ·528 | ·466 | ·623 | ·581 | ·550 | ·507 | 72 | 46 | 57 | 68 | 61 | 72 | ... | 0 | 0 | 2 | 1 | K. | K. Ck. C. | Ck. C. |
| 30 | 63·7 | 66·5 | 69·9 | 65·5 | 66·7 | 64·1 | ·515 | ·515 | ·587 | ·528 | ·536 | ·547 | 72 | 56 | 56 | 65 | 62 | 79 | ... | 3 | 9 | 0 | 0 | K. Ck. C. | Ck. C. | *b.* |
| Mean | 69·9 | 72·0 | 75·1 | 72·1 | 72·7 | 68·8 | .666 | ·670 | ·764 | ·718 | ·705 | ·643 | 75 | 63 | 67 | 75 | 70 | 76 | Total 1·02 | 2·60 | 2·93 | 2·30 | 1·83 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | WIND. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Direction. | | Velocity. | | |
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | 12 hours. | 24 hours. | 12 hours. | 24 hours. | Total miles. |
| 1 | 29·817 | 29·704 | 29·813 | 29·766 | 75·6 | 77·8 | 75·9 | 75·4 | 78·1 | 72·5 | 5·6 | 111·2 | 33·1 | 72·4 | 0·1 | NW | NWby N | 79 | 95 | 174 |
| 2 | ·843 | ·729 | ·899 | ·812 | 80·8 | 80·9 | 76·9 | 77·8 | 87·0 | 73·1 | 13·9 | 147·6 | 60·6 | 71·6 | 1·5 | NW | NWby N | 34 | 54 | 88 |
| 3 | ·906 | ·786 | ·904 | ·852 | 81·0 | 81·2 | 77·0 | 78·2 | 84· | 73·9 | 10·9 | 141·9 | 57·1 | 72·6 | 1·3 | NNW | SE by E | 26 | 44 | 70 |
| 4 | ·967 | ·839 | ·959 | ·908 | 77·0 | 82·6 | 76·4 | 77·4 | 84·6 | 74·1 | 10·5 | 144·5 | 59·9 | 72·8 | 1·3 | S by E | SE by S | 27 | 38 | 65 |
| 5 | ·960 | ·843 | ·957 | ·907 | 83·1 | 82·8 | 76·0 | 79·1 | 87·3 | 74·7 | 12·6 | 148·6 | 61·3 | 72·4 | 2·3 | SE by E | E by N | 33 | 52 | 85 |
| 6 | ·959 | ·847 | ·920 | ·897 | 85·1 | 82·0 | 77·6 | 79·6 | 86·2 | 73·9 | 12·3 | 139·2 | 53·0 | 72·0 | 1·9 | E by N | ENE | 46 | 48 | 94 |
| 7 | ·942 | ·835 | ·930 | ·890 | 82·8 | 81·5 | 78·4 | 79·2 | 86·4 | 74·3 | 12·1 | 144·9 | 58·5 | 72·6 | 1·7 | E by N | ENE | 25 | 66 | 91 |
| 8 | ·956 | ·883 | ·956 | ·924 | 77·4 | 76·8 | 75·8 | 76·1 | 85·9 | 74·7 | 11·2 | 140·2 | 54·3 | 73·0 | 1·7 | NE by E | NE by N | 46 | 94 | 140 |
| 9 | ·953 | ·857 | ·944 | ·907 | 80·4 | 76·8 | 76·8 | 77·1 | 82·2 | 74·5 | 7·7 | 99·2 | 17·0 | 73·4 | 1·1 | NE | N by E | 88 | 74 | 162 |
| 10 | ·934 | ·819 | ·926 | ·880 | 84·8 | 79·2 | 76·8 | 78·6 | 86·9 | 74·1 | 12·8 | 147·2 | 60·3 | 72·6 | 1·5 | ENE | E by N | 72 | 67 | 139 |
| 11 | ·950 | ·845 | ·959 | ·907 | 84·6 | 83·2 | 78·7 | 80·3 | 82·2 | 75·1 | 7·1 | 145·2 | 63·0 | 73·6 | 1·5 | NE by E | E by N | 54 | 80 | 134 |
| 12 | 30·012 | ·924 | 30·022 | ·970 | 83·2 | 82·3 | 76·0 | 79·5 | 86·7 | 76·9 | 9·8 | 141·7 | 55·0 | 73·2 | 3·7 | ENE | NE | 102 | 73 | 175 |
| 13 | ·033 | ·921 | ·002 | ·973 | 81·8 | 83·8 | 76·6 | 78·8 | 86·2 | 73·4 | 12·8 | 140·5 | 54·3 | 70·3 | 3·1 | NE by N | NNE | 49 | 67 | 116 |
| 14 | ·000 | ·867 | 29·968 | ·930 | 80·8 | 83·8 | 75·0 | 78·0 | 85·8 | 72·9 | 12·9 | 145·3 | 59·5 | 72·2 | 0·7 | NNE | NNE | 46 | 83 | 129 |
| 15 | 29·994 | ·885 | ·985 | ·943 | 81·8 | 80·3 | 73·8 | 76·9 | 85·1 | 71·9 | 13·2 | 141·4 | 56·3 | 69·0 | 2·9 | N by E | NNE | 54 | 64 | 118 |
| 16 | ·997 | ·867 | ·969 | ·928 | 80·1 | 81·6 | 72·8 | 76·1 | 84·2 | 70·4 | 13·8 | 142·8 | 58·6 | 67·6 | 2·8 | N | N | 53 | 57 | 110 |
| 17 | ·965 | ·835 | ·950 | ·901 | 79·8 | 81·8 | 74·7 | 77·0 | 84·9 | 72·2 | 12·7 | 136·5 | 51·6 | 71·9 | 0·3 | N | N by E | 47 | 62 | 109 |
| 18 | ·936 | ·849 | ·949 | ·901 | 80·2 | 81·8 | 75·0 | 76·7 | 84·0 | 70·0 | 14·0 | 139·3 | 55·3 | 66·4 | 3·6 | N by E | N by W | 42 | 98 | 140 |
| 19 | ·963 | ·890 | ·935 | ·920 | 82·4 | 82·8 | 76·8 | 78·7 | 86·3 | 73·3 | 13·0 | 143·9 | 57·6 | 71·7 | 1·6 | NNW | ENE | 56 | 42 | 98 |
| 20 | 30·068 | ·960 | 30·039 | 30·009 | 85·2 | 82·0 | 77·0 | 79·3 | 87·6 | 73·4 | 14·2 | 143·3 | 55·7 | 72·4 | 1·0 | NE | NNE | 50 | 95 | 145 |
| 21 | ·023 | ·900 | ·014 | 29·964 | 80·0 | 83·0 | 77·8 | 78·5 | 86·4 | 73·4 | 13·0 | 140·4 | 54·0 | 72·1 | 1·3 | N by E | NNE | 74 | 95 | 169 |
| 22 | ·036 | ·926 | ·004 | ·976 | 84·8 | 82·7 | 78·0 | 80·0 | 86·5 | 74·9 | 11·6 | 143·6 | 57·1 | 72·6 | 2·3 | NNE | NNE | 86 | 134 | 220 |
| 23 | ·019 | ·919 | ·015 | ·972 | 73·8 | 77·8 | 76·0 | 75·3 | 77·8 | 73·4 | 4·4 | 84·4 | 6·6 | 71·6 | 1·8 | NNE | NNE | 63 | 66 | 129 |
| 24 | 29·998 | ·912 | ·009 | ·963 | 80·8 | 74·9 | 75·8 | 75·9 | 81·4 | 72·5 | 8·9 | 94·3 | 12·9 | 72·4 | 0·1 | NE | NE by E | 74 | 69 | 143 |
| 25 | 30·008 | ·901 | ·030 | ·967 | 80·8 | 77·4 | 75·6 | 76·4 | 85·4 | 72·0 | 13·4 | 144·3 | 58·9 | 71·8 | 0·2 | E by N | ENE | 57 | 69 | 126 |
| 26 | ·067 | ·955 | ·034 | 30·006 | 77·8 | 80·2 | 77·2 | 77·2 | 84·9 | 74·1 | 10·8 | 135·1 | 50·2 | 72·7 | 1·4 | ENE | NE by E | 71 | 108 | 179 |
| 27 | ·053 | ·940 | ·032 | 29·994 | 84·0 | 81·6 | 76·0 | 79·4 | 86·1 | 76·5 | 9·6 | 142·5 | 56·4 | 74·2 | 2·3 | NE by E | NE by N | 123 | 125 | 248 |
| 28 | ·008 | ·912 | ·020 | ·968 | 78·8 | 79·8 | 69·7 | 74·3 | 82·7 | 69·2 | 13·5 | 142·3 | 59·6 | 65·6 | 3·6 | NNE | N by E | 71 | 78 | 149 |
| 29 | ·013 | ·924 | ·029 | ·978 | 77·6 | 80·2 | 72·6 | 73·9 | 83·2 | 66·0 | 17·2 | 140·7 | 57·5 | 62·8 | 3·2 | N | N by E | 58 | 81 | 139 |
| 30 | ·021 | ·924 | ·034 | ·981 | 78·8 | 81·8 | 75·4 | 76·4 | 84·7 | 69·9 | 14·8 | 137·3 | 52·6 | 67·7 | 2·2 | N by E | NE by N | 49 | 64 | 113 |
| Mean | 29·980 | 29·873 | 29·974 | 29·930 | 80·8 | 80·8 | 75·9 | 77·6 | 84·7 | 73·0 | 11·7 | 136·3 | 51·6 | 71·2 | 1·8 | ... | ... | 58·5 | 74·7 | 133·2 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P.M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 74·7 | 75·0 | 73·9 | 74·0 | 72·3 | ·849 | ·832 | ·811 | ·822 | ·792 | 95 | 88 | 91 | 93 | 99 | 0·13 | 10 | 10 | *o.* | *o.* |
| 2 | 76·5 | 76·1 | 75·6 | 75·3 | 72·8 | ·856 | ·842 | ·873 | ·845 | ·804 | 82 | 80 | 95 | 89 | 99 | 0·29 | 9 | 9 | K. *cloudy.* | *o. t.* ☇ |
| 3 | 75·8 | 76·8 | 75·6 | 75·5 | 73·7 | ·822 | ·863 | ·868 | ·848 | ·830 | 78 | 81 | 93 | 88 | 99 | 0·02 | 6 | 5 | C. | K. *c.* ☇ |
| 4 | 75·6 | 77·8 | 75·3 | 75·7 | 73·9 | ·868 | ·889 | ·864 | ·867 | ·835 | 93 | 80 | 95 | 92 | 99 | 1·95 | 7 | 3 | *cloudy r.* | K. *b. c.* ☇ |
| 5 | 78·3 | 77·9 | 74·8 | 76·4 | 74·4 | ·905 | ·891 | ·847 | ·874 | ·849 | 80 | 79 | 94 | 88 | 99 | 0·34 | 6 | 7·5 | K. *c.* | *cloudy t.* ☇ |
| 6 | 79·6 | 77·8 | 75·6 | 76·5 | 72·9 | ·938 | ·897 | ·860 | ·873 | ·797 | 78 | 82 | 91 | 87 | 95 | 0·26 | 8 | 6 | K. *cloudy.* | K. *c.* |
| 7 | 78·5 | 77·1 | 75·0 | 76·1 | 73·2 | ·920 | ·872 | ·823 | ·860 | ·805 | 82 | 81 | 84 | 87 | 95 | 1·24 | 8 | 6 | *cloudy r.* | K. *c.* |
| 8 | 75·8 | 74·8 | 74·5 | 74·7 | 73·7 | ·872 | ·837 | ·838 | ·842 | ·820 | 93 | 91 | 94 | 93 | 95 | 1·45 | 8 | 9 | *cloudy r.* | *cloudy r.* |
| 9 | 77·8 | 75·6 | 75·9 | 75·7 | 73·3 | ·929 | ·871 | ·884 | ·871 | ·805 | 89 | 95 | 95 | 93 | 94 | 1·78 | 9 | 9 | *cloudy r.* | K. *cloudy.* |
| 10 | 79·8 | 77·2 | 75·7 | 76·6 | 73·7 | ·951 | ·908 | ·876 | ·890 | ·827 | 79 | 91 | 95 | 91 | 98 | 0·68 | 8 | 9 | *cloudy.* | *cloudy.* |
| 11 | 79·4 | 78·8 | 76·8 | 77·4 | 74·5 | ·932 | ·926 | ·897 | ·907 | ·848 | 78 | 81 | 91 | 87 | 98 | 0·15 | 6 | 5 | K. *c.* | K. *c.* |
| 12 | 76·7 | 75·8 | 73·9 | 75·0 | 73·6 | ·832 | ·805 | ·809 | ·809 | ·786 | 73 | 73 | 91 | 80 | 85 | ... | 5 | 4 | K. *c.* | K. *c.* |
| 13 | 76·2 | 75·8 | 74·8 | 74·8 | 72·3 | ·829 | ·785 | ·840 | ·810 | ·780 | 77 | 68 | 90 | 82 | 95 | ... | 3 | 2 | K. *b. c.* | C. *b.* |
| 14 | 75·0 | 75·5 | 72·0 | 73·5 | 71·5 | ·791 | ·773 | ·746 | ·767 | ·754 | 75 | 67 | 86 | 80 | 93 | ... | 3 | 1·5 | K. *b. c.* | C. *b.* |
| 15 | 75·2 | 73·9 | 70·9 | 73·0 | 71·8 | ·787 | ·751 | ·719 | ·760 | ·779 | 73 | 72 | 86 | 82 | 100 | ... | 6 | 2·5 | K. *c.* | K. *b. c.* |
| 16 | 71·9 | 70·9 | 69·2 | 70·4 | 69·8 | ·673 | ·614 | ·663 | ·668 | ·722 | 65 | 57 | 82 | 74 | 97 | ... | 3 | 0·5 | K. *b. c.* | C. *b.* |
| 17 | 71·9 | 72·0 | 71·9 | 70·8 | 66·8 | ·677 | ·654 | ·746 | ·671 | ·586 | 66 | 60 | 87 | 72 | 74 | ... | 0 | 4 | *b.* | K. *b. c.* |
| 18 | 73·0 | 75·8 | 73·9 | 73·1 | 69·4 | ·716 | ·812 | ·824 | ·768 | ·712 | 69 | 78 | 95 | 84 | 97 | ... | 5 | 6 | K. *c.* | K. *c. t.* |
| 19 | 77·6 | 77·6 | 75·4 | 75·8 | 72·7 | ·883 | ·878 | ·862 | ·853 | ·798 | 80 | 79 | 93 | 87 | 98 | 0·07 | 8 | 4 | *cloudy.* | K. *c.* |
| 20 | 78·4 | 76·6 | 75·1 | 75·7 | 72·7 | ·882 | ·844 | ·847 | ·841 | ·794 | 73 | 77 | 91 | 85 | 98 | 0·53 | 6 | 5 | *c. r.* | K. *c.* |
| 21 | 76·8 | 76·1 | 75·6 | 75·3 | 72·7 | ·880 | ·809 | ·857 | ·833 | ·790 | 87 | 71 | 90 | 86 | 98 | 0·01 | 5 | 4 | K. *c.* | K. *c.* |
| 22 | 76·9 | 74·1 | 73·3 | 74·4 | 73·2 | ·820 | ·728 | ·758 | ·777 | ·792 | 68 | 65 | 79 | 76 | 93 | 0·03 | 5 | 5 | K. *c.* | K. *c.* |
| 23 | 72·7 | 75·6 | 75·0 | 74·0 | 72·5 | ·791 | ·857 | ·856 | ·824 | ·791 | 95 | 90 | 95 | 94 | 95 | 1·27 | 9 | 9·5 | *cloudy r.t.* ☇ | *cloudy.* |
| 24 | 76·6 | 73·9 | 74·0 | 74·1 | 71·9 | ·860 | ·825 | ·817 | ·817 | ·776 | 82 | 82 | 92 | 92 | 98 | 1·19 | 10 | 9 | *o. r.* | *cloudy* |
| 25 | 78·0 | 74·8 | 74·8 | 74·8 | 71·7 | ·923 | ·829 | ·852 | ·842 | ·757 | 88 | 88 | 96 | 93 | 99 | 1·69 | 9 | 9·5 | *cloudy r.* | *o* |
| 26 | 74·0 | 76·2 | 74·1 | 74·3 | 72·7 | ·790 | ·851 | ·803 | ·810 | ·786 | 83 | 82 | 86 | 86 | 93 | 0·49 | 9 | 8·5 | *cloudy r.* | K. *cloudy.* ☾ |
| 27 | 76·6 | 73·7 | 70·9 | 73·7 | 73·7 | ·817 | ·726 | ·690 | ·756 | ·797 | 70 | 67 | 77 | 75 | 87 | ... | 5 | 4 | K. *c.* | K. *b. c.* |
| 28 | 69·7 | 69·9 | 66·9 | 68·6 | 67·7 | ·606 | ·600 | ·623 | ·624 | ·658 | 61 | 58 | 91 | 73 | 92 | ... | 3 | 4 | K. *b. c.* | K. *c.* |
| 29 | 68·7 | 71·7 | 70 6 | 68·6 | 63·0 | ·587 | ·650 | ·723 | ·630 | ·537 | 61 | 64 | 90 | 75 | 84 | ... | 3 | 4 | K. *b. c.* | K. *b. c.* |
| 30 | 70·9 | 73·5 | 70·9 | 71·2 | 69·3 | ·651 | ·716 | ·694 | ·719 | ·711 | 66 | 66 | 79 | 79 | 96 | ... | 3 | 4 | K. *b. c.* | K. *b. c.* |
| Mean | 75·6 | 75·3 | 73·7 | 74·2 | 71·9 | ·821 | ·805 | ·806 | ·803 | ·771 | 78 | 76 | 90 | 85 | 95 | Total 13·57 | 6·17 | 5·65 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN NOVEMBER 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed Vapour Tension. Inches. | Relative Humidity. % | Rainfall.* Inches. | Rainfall.* No. of Falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours Calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 29·972 | 68·3 | 65·4 | ·593 | 85 | *Nil* | *Nil* | 22 | 7 | 0 | 1 | 0 | 2 | 6 | 15·5 | 4 | No interpolated values. Registers complete. |
| 1 | ·962 | 68·0 | 65·2 | ·589 | 85 | ,, | ,, | 15 | 9 | 5 | 1·5 | 0 | 3 | 3 | 19 | 7 | |
| 2 | ·953 | 67·8 | 64·9 | ·582 | 85 | ,, | ,, | 27 | 10 | 2 | 0·5 | 0 | 1 | 4 | 17·5 | 4 | |
| 3 | ·949 | 67·7 | 64·6 | ·576 | 84 | ,, | ,, | 30 | 9 | 2 | 1·5 | 0 | 0 | 7 | 15 | 2 | |
| 4 | ·951 | 67·4 | 64·3 | ·568 | 83 | ,, | ,, | 31·5 | 11 | 2 | 2·5 | 0 | 0 | 4 | 12 | 2 | |
| 5 | ·954 | 66·9 | 64·0 | ·564 | 84 | ,, | ,, | 27·5 | 9 | 3 | 3 | 0 | 0 | 5 | 14 | 2 | |
| 6 | ·974 | 66·8 | 63·7 | ·556 | 84 | ,, | ,, | 27 | 9 | 3 | 3 | 0 | 0 | 4 | 16·5 | 2 | |
| 7 | ·992 | 67·0 | 64·1 | ·565 | 84 | ,, | ,, | 39 | 13 | 3 | 1 | 0 | 0 | 3 | 26·5 | 1 | |
| 8 | 30·015 | 69·7 | 65·1 | ·564 | 76 | ,, | ,, | 55 | 15 | 5 | 0 | 0 | 0 | 4 | 31 | 0 | |
| 9 | ·033 | 72·8 | 66·5 | ·573 | 70 | ,, | ,, | 53 | 28 | 21 | 0 | 0 | 0 | 8 | 37 | 0 | |
| 10 | ·036 | 75·2 | 67·5 | ·575 | 65 | ,, | ,, | 60 | 34 | 8 | 0 | 0 | 5 | 0 | 49 | 0 | |
| 11 | ·011 | 77·3 | 68·1 | ·569 | 60 | ,, | ,, | 85 | 20 | 14 | 0 | 0 | 0 | 5 | 67 | 0 | |
| Noon | 29·987 | 78·4 | 68·1 | ·553 | 57 | 0·22 | 1 | 81 | 19 | 9 | 0 | 0 | 0 | 13 | 53 | 0 | |
| 13 | ·946 | 79·3 | 68·5 | ·559 | 56 | 0·03 | 1 | 75 | 16 | 9 | 0 | 0 | 0 | 16 | 64 | 0 | |
| 14 | ·925 | 79·7 | 68·5 | ·550 | 56 | *Nil* | *Nil* | 60 | 13 | 9 | 0 | 0 | 4 | 10 | 52 | 0 | |
| 15 | ·910 | 79·9 | 68·7 | ·556 | 55 | ,, | ,, | 48 | 16 | 8 | 0 | 0 | 3 | 12 | 62·5 | 0 | |
| 16 | ·912 | 79·5 | 68·5 | ·552 | 55 | ,, | ,, | 43·5 | 13 | 1 | 1 | 0 | 2 | 3 | 28 | 2 | |
| 17 | ·919 | 77·7 | 69·2 | ·605 | 63 | ,, | ,, | 17 | 14 | 0 | 1 | 0 | 2 | 1 | 13 | 5 | |
| 18 | ·935 | 73·9 | 68·7 | ·635 | 75 | ,, | ,, | 19 | 8 | 0 | 1 | 0 | 3 | 3 | 14·5 | 6 | |
| 19 | ·954 | 72·0 | 68·0 | ·633 | 80 | ,, | ,, | 21 | 9 | 3 | 4 | 0 | 2 | 4 | 14·5 | 7 | |
| 20 | ·972 | 70·9 | 67·1 | ·619 | 82 | ,, | ,, | 17 | 5 | 1 | 1 | 0 | 2 | 2 | 10·5 | 10 | |
| 21 | ·981 | 69·9 | 66·5 | ·611 | 83 | ,, | ,, | 14 | 10 | 0 | 3 | 0 | 2 | 2 | 8 | 10 | |
| 22 | ·989 | 69·1 | 66·0 | ·601 | 84 | ,, | ,, | 16 | 6 | 0 | 3 | 0 | 1 | 2 | 7·5 | 12 | |
| 23 | ·981 | 68·3 | 65·5 | ·596 | 85 | ,, | ,, | 15 | 7 | 1 | 1 | 0 | 1 | 4 | 12 | 9 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN NOVEMBER 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours Calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 18 | 5·5 | 1 | 2 | 1 | 1·5 | 3·5 | 11·5 | 11 | 89 | 35·5 | 1 | 0 | 0 | 0 | 0 | 8·5 | 0 |
| 1 to 2 | 18·5 | 3 | 0·5 | 2 | 1·5 | 1 | 3·5 | 10 | 11 | 86·5 | 38 | 1 | 0 | 0 | 0 | 0 | 15·5 | 0 |
| 2 to 3 | 14·5 | 4·5 | 0·5 | 1·5 | 1 | 2 | 4 | 10 | 9 | 92·5 | 29 | 2 | 0 | 0 | 0 | 0 | 16·5 | 0 |
| 3 to 4 | 14·5 | 4 | 0·5 | 1·5 | 1 | 2 | 5 | 7·5 | 13 | 89·5 | 34·5 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| 4 to 5 | 16 | 5 | 1 | 1 | 0·5 | 2 | 5·5 | 17 | 10 | 95·5 | 25·5 | 1 | 0 | 0 | 0 | 0 | 29 | 0 |
| 5 to 6 | 18·5 | 6 | 1 | 0 | 0 | 2 | 6 | 13·5 | 12 | 86·5 | 24 | 1 | 0 | 0 | 0 | 0 | 24·5 | 0 |
| 6 to 7 | 22 | 5·5 | 0·5 | 1 | 1 | 1 | 6 | 14 | 8 | 94·5 | 25 | 0 | 0 | 0 | 0 | 0 | 27·5 | 0 |
| 7 to 8 | 17·5 | 7·5 | 1 | 0·5 | 0 | 0·5 | 4·5 | 14·5 | 13 | 84·5 | 31·5 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 8 to 9 | 17·5 | 6·5 | 0·5 | 0·5 | 0 | 0·5 | 2·5 | 11 | 11 | 107 | 68 | 3 | 0 | 0 | 0 | 0 | 9 | 0 |
| 9 to 10 | 16·5 | 7·5 | 2 | 1·5 | 1 | 2 | 4·5 | 8 | 10 | 90·5 | 85 | 17 | 0 | 0 | 0 | 0 | 4·5 | 0 |
| 10 to 11 | 38 | 3 | 4 | 0·5 | 0·5 | 0 | 1·5 | 6·5 | 10 | 33 | 139·5 | 41·5 | 4 | 0 | 0 | 0 | 5 | 0 |
| 11 to Noon | 44·5 | 8·5 | 2 | 3 | 1 | 0 | 0 | 9 | 12 | 30·5 | 115·5 | 59 | 6 | 0 | 0 | 0 | 6 | 0 |
| Noon to 13 | 34·5 | 24·5 | 3 | 1 | 6 | 0 | 0 | 18 | 6 | 36 | 110·5 | 45 | 6 | 0 | 0 | 0 | 5·5 | 0 |
| 13 to 14 | 31 | 14·5 | 2 | 6·5 | 0·5 | 4 | 0·5 | 16 | 9 | 36 | 106·5 | 29·5 | 2 | 2 | 0 | 0 | 8 | 0 |
| 14 to 15 | 18 | 6 | 3 | 2 | 1 | 2 | 2 | 11 | 9 | 51 | 95·5 | 21·5 | 0 | 3 | 0 | 0 | 7 | 0 |
| 15 to 16 | 18 | 6 | 0·5 | 0 | 0 | 0 | 1·5 | 15 | 12 | 62·5 | 90 | 18·5 | 3 | 2 | 0 | 0 | 10 | 0 |
| 16 to 17 | 15 | 3·5 | 0 | 0 | 0 | 0 | 1·5 | 19 | 17 | 51·5 | 82·5 | 8·5 | 10·5 | 0 | 0 | | 0 | 0 |
| 17 to 18 | 15 | 3 | 1 | 0 | 0 | 0 | 1 | 11 | 16 | 39 | 64·5 | 10·5 | 0 | 0 | 0 | 0 | 0 | ·2 |
| 18 to 19 | 26 | 5·5 | 2 | 0 | 0 | 0 | 0 | 17·5 | 13 | 36·5 | 65·5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 to 20 | 23·5 | 5 | 2 | 1 | 1 | 2 | 2 | 14·5 | 11 | 33·5 | 53 | 10·5 | 0 | 0 | 0 | 0 | | 0 |
| 20 to 21 | 23 | 8·5 | 0·5 | 2·5 | 2·5 | 1 | 1 | 14 | 9 | 37·5 | 42·5 | 5·5 | 0 | 0 | 0 | 0 | 2·5 | 1 |
| 21 to 22 | 25 | 7·5 | 0 | 1 | 1 | 1 | 1 | 10·5 | 12 | 36 | 55·5 | 4 | 0 | 0 | 0 | 0 | 2·5 | 3 |
| 22 to 23 | 27 | 7 | 1·5 | 2·5 | 1 | 0·5 | 0·5 | 9 | 13 | 57 | 52 | 9·5 | 0 | 0 | 0 | 0 | 1·5 | 1 |
| 23 to Midn. | 25·5 | 5 | 1 | 2 | 1 | 1·5 | 1·5 | 8·5 | 11 | 98·5 | 35 | 1 | 0 | 0 | 0 | 0 | 5·5 | 0 |

DECEMBER 1887.

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 30·021 | 30·083 | 29·956 | 30·013 | 30·009 | 61·7 | 72·3 | 77·6 | 66·5 | 69·3 | 78·8 | 61·6 | 17·2 | 9·5 | 130·5 | 51·7 | 52·5 | 9·1 | N | N | NNE | NNE | 94 |
| 2 | 29·997 | ·062 | ·953 | ·017 | 29·990 | 60·6 | 71·3 | 77·3 | 64·4 | 68·2 | 78·6 | 60·3 | 18·3 | 9·8 | 131·3 | 52·7 | 49·4 | 10·9 | NNE | N | NNE | NNE | 99 |
| 3 | 30·000 | ·076 | ·956 | ·043 | 30·002 | 59·9 | 71·3 | 77·5 | 61·5 | 67·6 | 78·7 | 59·6 | 19·1 | 9·6 | 132·5 | 53·8 | 48·2 | 11·4 | NNE | N | NNW | NNW | 75 |
| 4 | ·036 | ·101 | ·989 | ·065 | ·040 | 61·3 | 69·5 | 77·4 | 62·6 | 67·1 | 78·5 | 60·3 | 18·2 | 9·7 | 130·0 | 51·5 | 48·2 | 12·1 | N | N | N | N | 78 |
| 5 | ·054 | ·107 | ·980 | ·056 | ·036 | 57·6 | 72·3 | 76·6 | 60·6 | 66·9 | 77·7 | 58·0 | 19·7 | 9·2 | 129·9 | 52·2 | 46·9 | 11·1 | N by E | NE | N by W | N | 67 |
| 6 | ·031 | ·102 | ·998 | ·073 | ·036 | 55·4 | 69·6 | 76·3 | 61·4 | 65·6 | 77·0 | 56·2 | 20·8 | 9·0 | 127·9 | 50·9 | 43·9 | 12·3 | N | NNE | N by W | NNW | 36 |
| 7 | ·077 | ·150 | 30·013 | ·079 | ·062 | 55·4 | 69·3 | 76·2 | 61·1 | 65·0 | 76·8 | 55·4 | 21·4 | 9·1 | 126·9 | 50·1 | 45·1 | 10·3 | NNW | N by E | N | NNW | 30 |
| 8 | ·061 | ·126 | 29·995 | ·062 | ·049 | 55·7 | 69·7 | 75·9 | 60·4 | 65·4 | 76·7 | 56·1 | 20·6 | 9·2 | 128·9 | 52·2 | 45·6 | 10·5 | W | N by W | NNW | NNW | 46 |
| 9 | ·033 | ·094 | ·958 | ·017 | ·018 | 54·5 | 68·5 | 76·0 | 60·6 | 64·9 | 76·3 | 55·0 | 21·3 | 9·4 | 127·5 | 51·2 | 44·3 | 10·7 | NNW | N | NNW | NNE | 50 |
| 10 | ·000 | ·060 | ·924 | 29·981 | 29·982 | 59·8 | 69·3 | 76·3 | 60·6 | 65·8 | 76·8 | 58·3 | 18·5 | 9·3 | 130·5 | 53·7 | 47·3 | 11·0 | N by E | N | N by W | N | 65 |
| 11 | ·000 | ·070 | ·934 | 30·002 | ·988 | 57·0 | 69·3 | 74·6 | 60·4 | 65·3 | 76·2 | 57·4 | 18·8 | 8·4 | 129·4 | 53·2 | 47·3 | 10·1 | N | N by W | NNE | NNE | 40 |
| 12 | ·012 | ·083 | ·965 | ·028 | 30·014 | 56·9 | 69·5 | 75·6 | 59·7 | 65·3 | 76·4 | 56·6 | 19·8 | 9·0 | 126·6 | 50·2 | 45·9 | 10·7 | NNE | NE by N | N by W | N | 54 |
| 13 | ·028 | ·111 | ·984 | ·059 | ·035 | 55·4 | 70·3 | 75·5 | 58·2 | 64·6 | 76·7 | 55·2 | 21·5 | 9·3 | 126·9 | 50·2 | 44·1 | 11·1 | N | NE | N | NNE | 58 |
| 14 | ·051 | ·116 | ·980 | ·033 | ·040 | 54·4 | 68·2 | 75·3 | 59·4 | 64·0 | 76·0 | 54·3 | 21·7 | 9·5 | 128·7 | 52·7 | 42·8 | 11·5 | N by E | N | NNW | N by W | 58 |
| 15 | ·018 | ·096 | ·949 | ·003 | ·012 | 57·4 | 68·4 | 74·1 | 58·4 | 64·2 | 75·0 | 56·1 | 18·9 | 9·0 | 126·5 | 51·5 | 45·3 | 10·8 | NNW | NNW | NNW | NNW | 67 |
| 16 | 29·994 | ·077 | ·960 | ·047 | ·007 | 54·0 | 67·6 | 73·8 | 56·4 | 63·0 | 74·5 | 53·5 | 21·0 | 9·3 | 127·6 | 53·1 | 42·1 | 11·4 | NNW | NNW | NNW | N by W | 73 |
| 17 | 30·053 | ·129 | 30·002 | ·039 | ·050 | 53·0 | 66·4 | 74·1 | 58·3 | 62·7 | 74·5 | 53·2 | 21·3 | 8·8 | 127·5 | 53·0 | 41·7 | 11·5 | N by W | NNW | N | NNW | 58 |
| 18 | ·027 | ·095 | 29·957 | ·035 | ·021 | 57·3 | 65·9 | 74·3 | 58·4 | 63·8 | 75·3 | 56·6 | 18·7 | 9·5 | 126·9 | 51·6 | 45·0 | 11·6 | NNW | NNW | NNW | N | 90 |
| 19 | ·022 | ·075 | ·932 | 29·990 | 29·994 | 57·0 | 67·4 | 75·7 | 59·4 | 65·1 | 76·4 | 57·2 | 19·2 | 9·3 | 127·6 | 51·2 | 46·9 | 10·3 | NNW | NNW | NNW | N | 86 |
| 20 | 29·970 | ·034 | ·878 | ·942 | ·947 | 57·4 | 67·5 | 74·3 | 57·4 | 64·6 | 75·5 | 56·4 | 19·1 | 9·3 | 126·8 | 51·3 | 45·2 | 11·2 | NNW | N | NNW | N | 72 |
| 21 | ·934 | ·017 | ·918 | 30·000 | ·953 | 53·5 | 65·9 | 73·3 | 56·4 | 62·1 | 74·0 | 53·8 | 20·2 | 9·3 | 126·5 | 52·5 | 40·3 | 13·5 | NNW | NNW | W by N | WNW | 42 |
| 22 | 30·011 | ·070 | ·948 | ·015 | 30·002 | 52·7 | 67·6 | 74·2 | 57·4 | 62·2 | 75·1 | 52·6 | 22·5 | 7·8 | 126·3 | 51·2 | 40·2 | 12·4 | N | NE by N | NNE | NNE | 43 |
| 23 | ·012 | ·078 | ·956 | ·022 | ·010 | 52·5 | 67·9 | 75·6 | 57·1 | 62·7 | 76·5 | 52·5 | 24·0 | 8·8 | 125·8 | 49·3 | 39·4 | 13·1 | NNE | NNE | NNW | N by E | 46 |
| 24 | 29·996 | ·070 | ·946 | ·017 | ·004 | 56·4 | 67·3 | 74·5 | 58·3 | 62·9 | 75·4 | 54·3 | 21·1 | 8·7 | 128·8 | 53·4 | 41·4 | 12·9 | N by E | NNE | N by W | N by W | 48 |
| 25 | 30·030 | ·105 | ·983 | ·034 | ·027 | 51·7 | 66·5 | 73·3 | 60·9 | 62·7 | 74·5 | 52·3 | 22·2 | 1·7 | 124·0 | 49·5 | 40·4 | 11·9 | Calm | Calm | NNW | N by W | 31 |
| 26 | ·026 | ·126 | 30·017 | ·091 | ·054 | 58·7 | 63·5 | 74·3 | 61·5 | 65·0 | 76·0 | 57·5 | 18·5 | 3·8 | 124·8 | 48·8 | 48·8 | 8·7 | N by W | N by W | NNW | NNW | 44 |
| 27 | ·081 | ·145 | ·016 | ·082 | ·078 | 61·5 | 64·4 | 72·4 | 63·1 | 66·0 | 73·8 | 60·8 | 13·0 | 3·6 | 132·0 | 58·2 | 51·9 | 8·9 | N | NNW | NNW | NNW | 56 |
| 28 | ·060 | ·123 | 29·999 | ·022 | ·047 | 60·5 | 64·4 | 71·3 | 56·4 | 64·0 | 72·4 | 59·9 | 12·5 | 1·8 | 115·5 | 43·1 | 52·8 | 7·1 | NNW | NNW | NNW | NNW | 85 |
| 29 | ·002 | ·093 | ·966 | ·049 | ·018 | 51·7 | 68·4 | 75·7 | 57·4 | 62·6 | 76·6 | 52·2 | 24·4 | 8·7 | 129·0 | 52·4 | 41·5 | 10·7 | NNW | NNW | NNW | N | 57 |
| 30 | ·063 | ·140 | 30·018 | ·083 | ·067 | 51·2 | 68·6 | 74·5 | 59·4 | 62·4 | 75·7 | 51·3 | 24·4 | 8·6 | 127·5 | 51·8 | 39·9 | 11·4 | NNE | NE | WNW | NW | 27 |
| 31 | ·063 | .129 | .002 | ·031 | ·051 | 53·1 | 69·3 | 75·4 | 62·4 | 64·0 | 75·9 | 53·4 | 22·5 | 8·6 | 128·5 | 52·6 | 42·5 | 10·9 | NW | Calm | NNW | NNW | 24 |
| Mean | 30·025 | 30·095 | 29·969 | 30·033 | 30·021 | 56·3 | 68·3 | 75·1 | 59·9 | 64·7 | 76·1 | 56·1 | 20·0 | Total 256·6 | 127·7 | 51·6 | 45·1 | 11·0 | ... | ... | ... | ... | 58·0 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P. M. |
| 1 | 58·3 | 63·8 | 64·0 | 60·4 | 62·1 | 58·3 | ·442 | ·480 | ·417 | ·447 | ·465 | ·446 | 80 | 60 | 44 | 68 | 66 | 81 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 57·6 | 62·1 | 63·3 | 59·1 | 61·3 | 57·4 | ·437 | ·439 | ·396 | ·434 | ·454 | ·434 | 82 | 57 | 42 | 71 | 67 | 82 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 56·6 | 64·3 | 62·3 | 59·9 | 60·8 | 57·0 | ·417 | ·510 | ·363 | ·497 | ·445 | ·433 | 80 | 66 | 38 | 91 | 68 | 85 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 4 | 57·7 | 63·5 | 63·8 | 60·3 | 61·3 | 58·1 | ·432 | ·507 | ·413 | ·495 | ·469 | ·459 | 80 | 70 | 44 | 87 | 72 | 88 | .... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 5 | 56·9 | 62·3 | 62·1 | 59·3 | 60·7 | 56·8 | ·455 | ·430 | ·366 | ·490 | ·451 | ·450 | 96 | 54 | 40 | 92 | 71 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 6 | 55·0 | 61·3 | 62·8 | 59·3 | 59·9 | 55·1 | ·428 | ·434 | ·393 | ·480 | ·451 | ·423 | 97 | 60 | 44 | 88 | 73 | 94 | ... | 0 | 0 | 0 | 0 | *b.* III | *b.* | *b.* |
| 7 | 54·4 | 61·5 | 63·4 | 59·3 | 59·8 | 54·3 | ·412 | ·441 | ·411 | ·480 | ·448 | ·411 | 94 | 61 | 45 | 88 | 74 | 94 | ... | 0 | 0 | 0 | 0 | *b.* III | *b.* | *b.* |
| 8 | 55·1 | 62·7 | 62·4 | 58·4 | 60·2 | 55·0 | ·430 | ·478 | ·385 | ·464 | ·456 | ·421 | 97 | 66 | 43 | 88 | 74 | 94 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 54·2 | 61·5 | 62·7 | 58·4 | 59·6 | 53·9 | ·419 | ·455 | ·394 | ·464 | ·445 | ·405 | 98 | 65 | 44 | 88 | 74 | 94 | ... | 0 | 0 | 0 | 0 | *b.* III | *b.* | *b.* |
| 10 | 57·0 | 62·3 | 62·4 | 59·3 | 60·1 | 56·1 | ·427 | ·470 | ·378 | ·490 | ·447 | ·426 | 82 | 65 | 41 | 92 | 72 | 88 | ... | 1 | 0 | 0 | 0 | C. *c.* | *b.* | *b.* III |
| 11 | 55·8 | 62·4 | 62·7 | 59·2 | 59·9 | 56·0 | ·434 | ·472 | ·411 | ·492 | ·447 | ·430 | 94 | 65 | 48 | 94 | 73 | 91 | ... | 8 | 2 | 2 | 0 | C. Cs. *c.* | C. Cs. *c.* | C. Cs. *c. b.* |
| 12 | 55·8 | 61·5 | 61·2 | 57·1 | 59·3 | 55·3 | ·434 | ·441 | ·349 | ·435 | ·427 | ·423 | 94 | 61 | 39 | 85 | 71 | 92 | ... | 4 | 3 | 0 | 0 | C. Cs. *c.* | C. Cs. *c. b.* | *b.* |
| 13 | 54·2 | 61·3 | 60·9 | 56·4 | 58·2 | 53·8 | ·409 | ·424 | ·343 | ·430 | ·404 | ·396 | 94 | 57 | 39 | 88 | 69 | 91 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 14 | 53·3 | 61·3 | 61·3 | 57·2 | 58·3 | 53·0 | ·396 | ·451 | ·357 | ·443 | ·417 | ·388 | 94 | 65 | 40 | 88 | 72 | 92 | ... | 0 | 0 | 0 | 0 | *b.* III | *b.* | *b.* |
| 15 | 54·3 | 59·3 | 59·9 | 56·2 | 57·2 | 53·5 | ·384 | ·386 | ·331 | ·427 | ·391 | ·379 | 81 | 56 | 40 | 88 | 67 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 16 | 52·4 | 59·3 | 58·1 | 54·8 | 56·3 | 52·3 | ·376 | ·397 | ·277 | ·411 | ·365 | ·381 | 90 | 59 | 33 | 91 | 66 | 93 | ... | 1 | 0 | 2 | 0 | Cs. *c.* | Cs. *c. b.* | *b.* III |
| 17 | 51·0 | 57·6 | 61·3 | 56·8 | 56·7 | 51·3 | ·349 | ·357 | ·371 | ·444 | ·387 | ·353 | 86 | 55 | 43 | 91 | 70 | 86 | ... | 0 | 0 | 1 | 0 | *b.* III | C. Cs. *c. b.* | Cs. *c. b.* |
| 18 | 53·8 | 59·8 | 61·3 | 58·0 | 57·8 | 53·0 | ·369 | ·435 | ·371 | ·477 | ·402 | ·357 | 78 | 68 | 43 | 97 | 69 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 19 | 56·3 | 60·3 | 61·3 | 57·3 | 58·9 | 54·5 | ·446 | ·432 | ·351 | ·445 | ·417 | ·391 | 96 | 64 | 39 | 88 | 68 | 83 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 20 | 55·2 | 59·1 | 60·3 | 53·9 | 58·0 | 54·7 | ·411 | ·390 | ·338 | ·371 | ·399 | ·407 | 87 | 58 | 40 | 78 | 67 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 21 | 50·3 | 56·8 | 59·3 | 54·2 | 55·5 | 50·5 | ·326 | ·344 | ·320 | ·395 | ·356 | ·326 | 80 | 54 | 39 | 87 | 66 | 78 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 22 | 51·3 | 58·2 | 60·3 | 54·9 | 55·7 | 51·1 | ·360 | ·361 | ·338 | ·400 | ·360 | ·357 | 90 | 53 | 40 | 84 | 67 | 90 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* III |
| 23 | 51·3 | 58·4 | 59·5 | 55·1 | 56·3 | 51·1 | ·366 | ·364 | ·297 | ·410 | ·372 | ·357 | 93 | 53 | 34 | 87 | 68 | 90 | ... | 0 | 0 | 1 | 0 | *b.* III | C. *c. b.* | C. Cs. *c. b.* |
| 24 | 53·3 | 58·6 | 60·0 | 55·5 | 56·9 | 52·9 | ·369 | ·378 | ·326 | ·402 | ·389 | ·383 | 81 | 57 | 38 | 82 | 69 | 90 | ... | 4 | 1 | 2 | 1 | Cs. *c.* | C. Cs. *c.* | C. Cs. *c.* |
| 25 | 51·2 | 59·3 | 60·3 | 58·3 | 57·1 | 51·3 | ·372 | ·413 | ·352 | ·455 | ·398 | ·366 | 96 | 64 | 43 | 85 | 72 | 93 | ... | 0 | 10 | 10 | 10 | *b.* III | Ck. *o.* | Ck. *o.* |
| 26 | 54·5 | 57·3 | 60·0 | 58·4 | 58·6 | 54·7 | ·374 | ·392 | ·330 | ·451 | ·418 | ·390 | 76 | 67 | 39 | 82 | 68 | 81 | ... | 10 | 8 | 9 | 7 | Pc.Ck. *o.* | Ck. *c.* | Ck. *c.* |
| 27 | 54·6 | 54·3 | 58·1 | 55·4 | 58·3 | 54·0 | ·335 | ·291 | ·296 | ·338 | ·389 | ·326 | 61 | 48 | 37 | 58 | 61 | 60 | ... | 10 | 9 | 4 | 7 | Ck. *o.* | Pk. Ck. *c.* | Ck. Pc. *c.* |
| 28 | 52·3 | 54·8 | 55·5 | 53·7 | 57·0 | 52·7 | ·288 | ·305 | ·230 | ·379 | ·373 | ·307 | 55 | 51 | 30 | 83 | 64 | 60 | ... | 10 | 10 | 8 | 1 | Ck.Pc. *o.* | Pk. Ck. *o. c. d.* | Ck.Pk.Fk. *c.* |
| 29 | 50·7 | 57·3 | 58·3 | 54·7 | 55·4 | 50·8 | ·358 | ·326 | ·256 | ·394 | ·347 | ·353 | 93 | 47 | 28 | 83 | 64 | 90 | ... | 0 | 0 | 0 | 0 | *b.* III | *b.* | *b.* III |
| 30 | 50·0 | 55·8 | 59·1 | 56·9 | 55·1 | 50·1 | ·349 | ·275 | ·297 | ·431 | ·352 | ·350 | 93 | 39 | 35 | 85 | 65 | 93 | ... | 0 | 0 | 0 | 0 | *b.* III | *b.* | *b.* III |
| 31 | 52·0 | 58·3 | 59·6 | 58·1 | 56·9 | 52·1 | ·376 | ·342 | ·299 | ·429 | ·372 | ·375 | 93 | 47 | 34 | 76 | 65 | 91 | ... | 9 | 7 | 0 | 10 | Ck. *c.* III | Ck. *b. c.* | Ck. *c. o.* |
| Mean | 54·1 | 59·9 | 60·9 | 57·3 | 58·4 | 53·9 | ·393 | ·407 | ·347 | ·439 | ·410 | ·390 | 87 | 58 | 40 | 85 | 69 | 87 | ... | 1·84 | 1·61 | 1·26 | 1·16 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of air. | | | | | | | | Temperature of radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sun shine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·776 | 29·841 | 29·719 | 29·755 | 29·765 | 53·1 | 69·8 | 76·4 | 57·0 | 63·3 | 77·9 | 51·5 | 26·4 | 10·1 | 138·2 | 60·3 | 40·0 | 11·5 | W | NW | NW | Calm | 48·1 |
| 2 | ·739 | ·807 | ·707 | ·753 | ·744 | 50·1 | 70·4 | 77·3 | 58·0 | 63·2 | 78·5 | 48·8 | 29·7 | 9·9 | 138·6 | 60·1 | 36·4 | 12·4 | Calm | WSW | NW | Calm | 28·4 |
| 3 | ·744 | ·824 | ·705 | ·783 | ·756 | 51·1 | 69·1 | 78·3 | 57·0 | 63·1 | 78·4 | 48·6 | 29·8 | 9·9 | 138·9 | 60·5 | 36·2 | 12·4 | NNW | WNW | NNW | Calm | 19·7 |
| 4 | ·781 | ·837 | ·740 | ·780 | ·776 | 50·9 | 68·7 | 77·4 | 57·5 | 62·8 | 77·8 | 48·6 | 29·2 | 9·7 | 137·1 | 59·3 | 36·4 | 12·2 | S | NW | NW | Calm | 25·6 |
| 5 | ·776 | ·825 | ·712 | ·766 | ·762 | 50·2 | 69·1 | 77·3 | 56·7 | 62·5 | 78·3 | 48·6 | 29·7 | 9·8 | 137·2 | 58·9 | 37·8 | 10·8 | NW | WNW | WNW | Calm | 35·3 |
| 6 | ·745 | ·810 | ·712 | ·784 | ·755 | 50·0 | 70·8 | 78·2 | 57·5 | 63·3 | 79·3 | 48·9 | 30·4 | 9·7 | 139·2 | 59·9 | 36·3 | 12·6 | Calm | SW | E | Calm | 33·9 |
| 7 | ·799 | ·827 | ·741 | ·796 | ·783 | 50·1 | 69·5 | 78·8 | 57·3 | 63·1 | 78·9 | 48·9 | 30·0 | 9·7 | 139·2 | 60·3 | 37·6 | 11·3 | E | Calm | NNW | Calm | 30·3 |
| 8 | ·786 | ·847 | ·731 | ·791 | ·781 | 50·1 | 69·6 | 76·2 | 59·0 | 62·9 | 78·3 | 48·6 | 29·7 | 9·3 | 138·6 | 60·3 | 36·0 | 12·6 | Calm | SSE | NNW | Calm | 29·2 |
| 9 | ·766 | ·816 | ·706 | ·773 | ·757 | 50·8 | 70·1 | 76·8 | 56·6 | 62·8 | 77·7 | 48·6 | 29·1 | 9·3 | 137·3 | 59·6 | 37·1 | 11·5 | Calm | SSW | NNW | Calm | 20·0 |
| 10 | ·750 | ·803 | ·675 | ·716 | ·728 | 49·3 | 69·1 | 77·2 | 57·0 | 62·4 | 77·8 | 47·7 | 30·1 | 9·5 | 137·5 | 59·7 | 35·8 | 11·9 | Calm | SW | NW | S | 26·7 |
| 11 | ·705 | ·769 | ·654 | ·711 | ·702 | 50·6 | 71·1 | 80·2 | 58·8 | 64·4 | 81·3 | 48·9 | 32·4 | 9·5 | 137·6 | 56·3 | 36·6 | 12·3 | Calm | SSW | N | Calm | 21·3 |
| 12 | ·718 | ·794 | ·683 | ·746 | ·727 | 50·1 | 70·1 | 79·7 | 61·8 | 64·6 | 81·3 | 48·2 | 33·1 | 9·5 | 140·2 | 58·9 | 37·3 | 10·9 | Calm | SSE | E | E | 34·6 |
| 13 | ·743 | ·824 | ·726 | ·796 | ·764 | 51·7 | 75·2 | 78·2 | 59·9 | 65·4 | 79·5 | 49·4 | 30·1 | 9·5 | 139·8 | 60·3 | 38·1 | 11·3 | Calm | SE | E | E | 53·4 |
| 14 | ·793 | ·855 | ·729 | ·773 | ·780 | 49·5 | 70·1 | 79·2 | 57·0 | 63·2 | 80·4 | 48·3 | 32·1 | 9·3 | 137·9 | 57·5 | 38·9 | 9·4 | Calm | SE | Calm | NNE | 48·9 |
| 15 | ·738 | ·807 | ·673 | ·730 | ·729 | 50·1 | 69·6 | 77·2 | 58·0 | 62·9 | 78·3 | 48·6 | 29·7 | 9·7 | 134·8 | 56·5 | 38·5 | 10·1 | Calm | S | NW | Calm | 32·9 |
| 16 | ·737 | ·813 | ·714 | ·784 | ·754 | 50·1 | 68·1 | 74·1 | 54·1 | 60·8 | 75·1 | 48·6 | 26·5 | 9·8 | 135·8 | 60·7 | 38·4 | 10·2 | W | WNW | NW | Calm | 47·2 |
| 17 | ·794 | ·870 | ·777 | ·821 | ·808 | 46·0 | 66·0 | 74·1 | 53·3 | 59·0 | 75·4 | 44·7 | 30·7 | 9·8 | 134·4 | 59·0 | 31·0 | 13·7 | Calm | WNW | NW | NW | 56·8 |
| 18 | ·800 | ·861 | ·749 | ·775 | ·788 | 46·7 | 62·4 | 73·8 | 54·1 | 58·4 | 75·3 | 44·6 | 30·7 | 10·0 | 135·8 | 60·5 | 32·9 | 11·7 | NW | WNW | NW | NW | 86·2 |
| 19 | ·772 | ·841 | ·697 | ·748 | ·756 | 44·2 | 64·0 | 73·5 | 53·1 | 57·9 | 75·3 | 43·3 | 32·0 | 10·0 | 136·8 | 61·5 | 31·1 | 12·2 | WSW | WNW | NW | NNW | 45·5 |
| 20 | ·725 | ·783 | ·644 | ·671 | ·698 | 45·2 | 63·0 | 72·4 | 52·9 | 57·6 | 74·1 | 43·2 | 30·9 | 9·8 | 133·8 | 59·7 | 30·7 | 12·5 | WNW | NW | W | Calm | 53·6 |
| 21 | ·652 | ·719 | ·635 | ·724 | ·674 | 45·6 | 65·9 | 74·7 | 56·1 | 59·8 | 76·2 | 43·4 | 32·8 | 9·8 | 133·2 | 57·0 | 29·9 | 13·5 | WNW | SW | W | W | 59·9 |
| 22 | ·729 | ·794 | ·684 | ·739 | ·728 | 47·1 | 67·1 | 76·7 | 56·7 | 61·1 | 77·6 | 45·7 | 31·9 | 10·0 | 135·3 | 57·7 | 33·6 | 12·1 | Calm | SW | NW | Calm | 24·2 |
| 23 | ·749 | ·818 | ·688 | ·757 | ·745 | 48·1 | 67·1 | 77·2 | 55·1 | 61·1 | 78·3 | 45·9 | 32·4 | 9·8 | 138·7 | 60·4 | 33·6 | 12·3 | NW | W | WNW | Calm | 26·2 |
| 24 | ·738 | ·798 | ·669 | ·758 | ·733 | 49·3 | 68·1 | 77·6 | 57·0 | 62·2 | 78·4 | 45·9 | 32·5 | 10·2 | 138·2 | 59·8 | 35·0 | 10·9 | SSW | NW | W | W | 50·3 |
| 25 | ·771 | ·860 | ·730 | ·779 | ·777 | 48·9 | 67·1 | 77·2 | 57·3 | 61·8 | 78·3 | 46·8 | 31·5 | 9·9 | 137·2 | 58·9 | 35·4 | 11·4 | W | Calm | NW | NW | 52·8 |
| 26 | ·792 | ·887 | ·788 | ·856 | ·823 | 47·9 | 66·0 | 74·6 | 53·0 | 59·6 | 75·5 | 45·2 | 30·3 | 9·9 | 135·6 | 60·1 | 33·7 | 11·5 | NW | NW | NW | Calm | 58·7 |
| 27 | ·827 | ·893 | ·773 | ·837 | ·824 | 45·0 | 61·0 | 66·1 | 57·0 | 56·5 | 68·3 | 41·6 | 26·7 | 0·8 | ? | ? | 30·0 | 11·6 | Calm | NW | WNW | W | 34·2 |
| 28 | ·816 | ·882 | ·728 | ·752 | ·786 | 48·1 | 64·3 | 73·7 | 55·9 | 59·7 | 75·5 | 47·1 | 28·4 | 8·8 | 134·8 | 59·3 | 37·5 | 9·6 | WSW | WNW | NW | NW | 77·9 |
| 29 | ·739 | ·836 | ·676 | ·767 | ·746 | 46·2 | 66·1 | 74·4 | 55·2 | 59·7 | 75·8 | 44·9 | 30·9 | 10·0 | 135·2 | 59·4 | 33·9 | 11·0 | NW | WNW | NNW | Calm | 65·1 |
| 30 | ·759 | ·826 | ·730 | ·784 | ·767 | 49·1 | 69·5 | 77·0 | 65·5 | 64·5 | 79·3 | 47·3 | 32·0 | 7·7 | 143·0 | 63·7 | 32·8 | 14·5 | W | SSW | N | ENE | 31·4 |
| 31 | ·788 | ·850 | ·725 | ·778 | ·777 | 58·0 | 69·2 | 72·6 | 60·5 | 64·3 | 75·3 | 56·7 | 18·6 | 5·6 | 137·2 | 61·9 | 48·7 | 8·0 | ENE | ENE | W | NW | 52·3 |
| Mean | 29·760 | 29·826 | 29·710 | 29·767 | 29·758 | 49·1 | 68·0 | 76·1 | 57·0 | 61·7 | 77·3 | 47·3 | 30·0 | Total 286·3 | 137·2 | 59·6 | 35·7 | 11·6 | ... | ... | ... | ... | 42·2 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Mio. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 52·1 | 60·8 | 60·1 | 54·1 | 56·8 | 50·8 | ·378 | ·414 | ·304 | ·382 | ·370 | ·364 | 93 | 57 | 33 | 82 | 66 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 2 | 49·1 | 61·0 | 60·7 | 54·1 | 56·2 | 48·5 | ·336 | ·412 | ·311 | ·369 | ·357 | ·332 | 93 | 55 | 34 | 76 | 64 | 98 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 3 | 50·6 | 61·1 | 62·1 | 54·5 | 57·1 | 47·3 | ·363 | ·433 | ·343 | ·394 | ·383 | ·310 | 96 | 61 | 35 | 84 | 69 | 91 | ... | 0 | 0 | 0 | 0 | ☾☾☾ | *b.* | *b.* |
| 4 | 49·5 | 61·1 | 62·0 | 54·8 | 56·8 | 47·9 | ·337 | ·439 | ·351 | ·395 | ·380 | ·325 | 91 | 63 | 37 | 83 | 68 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☽☾☾☾ | *b.* | *b.* |
| 5 | 49·6 | 61·1 | 61·6 | 55·9 | 57·0 | 47·3 | ·348 | ·433 | ·340 | ·438 | ·390 | ·310 | 95 | 61 | 37 | 95 | 72 | 91 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 6 | 49·0 | 60·0 | 62·0 | 54·6 | 56·4 | 48·2 | ·335 | ·375 | ·341 | ·389 | ·360 | ·329 | 93 | 50 | 35 | 82 | 65 | 95 | ... | 0 | 1 | 0 | 0 | *b.* | C. *c. b.* | C. *c. b.* |
| 7 | 49·1 | 61·5 | 61·1 | 55·1 | 56·7 | 48·2 | ·336 | ·441 | ·304 | ·407 | ·372 | ·329 | 93 | 61 | 31 | 86 | 68 | 95 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 49·1 | 62·1 | 60·1 | 55·1 | 56·6 | 47·9 | ·325 | ·336 | ·307 | ·384 | ·338 | ·325 | 93 | 63 | 34 | 77 | 67 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 9 | 50·1 | 62·2 | 61·1 | 53·7 | 56·8 | 48·1 | ·354 | ·455 | ·331 | ·376 | ·379 | ·330 | 95 | 61 | 36 | 82 | 68 | 96 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 10 | 48·3 | 60·1 | 61·3 | 55·1 | 56·2 | 46·8 | 327 | ·401 | ·332 | ·411 | ·368 | ·310 | 93 | 56 | 35 | 89 | 68 | 94 | ... | 0 | 0 | 0 | 0 | ☾☾☾ | *b.* | *b.* |
| 11 | 49·8 | 61·5 | 63·1 | 55·6 | 57·5 | 48·4 | ·348 | ·419 | ·351 | ·401 | ·380 | ·334 | 94 | 56 | 34 | 81 | 66 | 96 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 12 | 49·6 | 59·6 | 61·9 | 56·1 | 56·8 | 47·9 | ·350 | ·372 | ·318 | ·376 | ·354 | ·331 | 96 | 50 | 31 | 68 | 61 | 98 | ... | 1 | 0 | 4 | 0 | Cs. *c* ☽ | C. *c. b.* | C. *c. b.* |
| 13 | 50·1 | 60·5 | 61·1 | 56·6 | 57·1 | 48·2 | ·342 | ·333 | ·312 | ·417 | ·351 | ·323 | 89 | 39 | 32 | 80 | 60 | 91 | ... | 6 | 3 | 2 | 0 | C. Cs. *c.* | C *c.* | *b.* |
| 14 | 49·1 | 61·9 | 61·4 | 55·3 | 56·9 | 48·0 | ·345 | ·446 | ·308 | ·416 | ·379 | ·332 | 97 | 60 | 31 | 89 | 69 | 98 | ... | 0 | 0 | 0 | 0 | ☾☾☾ | *b.* | *b.* |
| 15 | 49·3 | 58·4 | 60·0 | 55·1 | 55·7 | 48·1 | ·342 | ·342 | ·290 | ·397 | ·343 | ·330 | 94 | 47 | 31 | 82 | 64 | 96 | ... | 0 | 0 | 0 | 0 | ☾☾☾ ☽ | *b.* | *b.* |
| 16 | 49·6 | 58·1 | 57·0 | 50·3 | 53·8 | 47·9 | ·350 | ·353 | ·240 | ·316 | ·315 | ·325 | 96 | 51 | 29 | 75 | 63 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 17 | 45·0 | 56·9 | 56·6 | 50·1 | 52·2 | 43·7 | ·287 | ·344 | ·228 | ·321 | ·295 | ·273 | 92 | 54 | 27 | 79 | 63 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 44·2 | 53·1 | 56·1 | 50·1 | 50·9 | 42·0 | ·258 | ·285 | ·217 | ·310 | ·268 | ·234 | 81 | 50 | 26 | 74 | 58 | 79 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 19 | 43·2 | 53·1 | 56·6 | 49·8 | 50·7 | 41·8 | ·267 | ·261 | ·235 | ·315 | ·270 | ·246 | 92 | 43 | 29 | 78 | 60 | 88 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 20 | 43·5 | 54·1 | 56·1 | 49·1 | 50·7 | 41·6 | ·261 | ·303 | ·235 | ·300 | ·275 | ·243 | 86 | 52 | 29 | 74 | 60 | 87 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 21 | 43·7 | 54·1 | 59·0 | 53·1 | 52·5 | 41·7 | ·260 | ·264 | ·292 | ·366 | ·296 | ·243 | 85 | 41 | 34 | 81 | 60 | 86 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 46·1 | 57·0 | 60·9 | 53·3 | 54·3 | 44·8 | ·300 | ·333 | ·325 | ·363 | ·330 | ·287 | 93 | 50 | 35 | 79 | 64 | 93 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 23 | 47·1 | 58·1 | 59·1 | 52·1 | 54·1 | 44·9 | ·311 | ·366 | ·262 | ·351 | ·322 | ·286 | 93 | 55 | 28 | 80 | 64 | 92 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 24 | 47·3 | 58·1 | 60·0 | 52·6 | 54·5 | 45·3 | ·301 | ·353 | ·285 | ·340 | ·320 | 296 | 85 | 51 | 30 | 73 | 60 | 95 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 25 | 47·3 | 56·1 | 58·2 | 52·1 | 53·4 | 45·4 | ·306 | ·306 | ·234 | ·322 | ·292 | ·287 | 88 | 46 | 25 | 68 | 57 | 90 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* |
| 26 | 46·2 | 52·7 | 56·2 | 49·1 | 51·0 | 43·8 | ·292 | ·224 | ·210 | ·299 | ·256 | ·269 | 87 | 35 | 24 | 74 | 55 | 89 | ... | 0 | 0 | 0 | 0 | *b.* ☽ | *b.* | *b.* ☾☾☾ |
| 27 | 44·1 | 52·1 | 56·1 | 52·1 | 51·1 | 40·4 | ·278 | ·273 | ·319 | ·326 | ·299 | ·237 | 92 | 50 | 49 | 70 | 65 | 90 | ... | 0 | 9 | 10 | 9 | *b.* ☽ | Ck. Cs. Pc. *c. o g.* | Ck. Pc. *c.* |
| 28 | 46·2 | 54·6 | 56·7 | 50·1 | 51·9 | 45·0 | ·289 | ·299 | ·236 | ·287 | ·278 | ·273 | 86 | 50 | 29 | 64 | 57 | 84 | ... | 2 | 0 | 0 | 0 | Cs.Ck *c.* | *b.* | *b.* |
| 29 | 43·9 | 55·1 | 58·1 | 52·1 | 52·3 | 42·9 | ·258 | ·290 | ·269 | ·350 | ·292 | ·251 | 82 | 45 | 31 | 80 | 60 | 84 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 48·1 | 58·6 | 60·9 | 58·1 | 56·4 | 46·6 | ·324 | ·349 | ·322 | ·387 | ·346 | ·310 | 93 | 47 | 35 | 61 | 59 | 95 | .. | 0 | 1 | 9 | 10 | *b.* ☽ | Cs. Ck. *c.* | Pc. *o.* |
| 31 | 54·1 | 57·4 | 60·7 | 56·7 | 57·2 | 53·3 | ·369 | ·317 | ·374 | ·411 | ·368 | ·363 | 76 | 44 | 47 | 77 | 61 | 79 | ... | 10 | 9 | 9 | 8 | Ck Cs. *o.* | Ck. *c.* | Ck.Pc.Pk. *c.* |
| Mean | 47·9 | 58·1 | 59·6 | 53·4 | 54·8 | 46·2 | ·319 | ·354 | ·293 | ·365 | ·333 | ·301 | 91 | 52 | 33 | 78 | 63 | 92 | ... | 0·61 | 0·74 | 1·10 | 0·87 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·766 | 29·645 | 69·7 | 76·7 | 79·7 | 48·0 | 31·7 | 132·7 | 53·0 | 38·0 | 10·0 | Calm | Calm | NNE | Calm | 27 |
| 2 | ·744 | ·647 | 69·3 | 69·7 | 79·2 | 46·0 | 33·2 | 132·7 | 53·5 | 37·0 | 9·0 | NNE | NNE | Calm | Calm | 24 |
| 3 | ·763 | ·651 | 68·8 | 74·7 | 78·7 | 46·0 | 32·7 | 130·4 | 51·7 | 37·0 | 9·0 | NNW | NNW | Calm | Calm | 18 |
| 4 | ·776 | ·667 | 68·8 | 71·7 | 78·2 | 46·0 | 32·2 | 133·7 | 55·5 | 38·0 | 8·0 | Calm | NNW | Calm | Calm | 2 |
| 5 | ·751 | ·638 | 68·8 | 73·2 | 79·4 | 47·0 | 32·4 | 130·9 | 51·5 | 38·0 | 9·0 | Calm | Calm | Calm | Calm | 0 |
| 6 | ·740 | ·648 | 66·8 | 75·7 | 80·2 | 46·0 | 34·2 | 131·7 | 51·5 | 38·0 | 8·0 | NNW | Calm | Calm | Calm | 5 |
| 7 | ·790 | ·683 | 70·7 | 76·4 | 78·9 | 46·0 | 32·9 | 131·4 | 52·5 | 37·0 | 9·0 | N | N | Calm | N | 40 |
| 8 | ·780 | ·673 | 68·5 | 74·7 | 77·8 | 46·2 | 31·6 | 129·7 | 51·9 | 39·0 | 7·2 | N | N | Calm | Calm | 19 |
| 9 | ·764 | ·654 | 65·3 | 72·7 | 77·2 | 47·0 | 30·2 | 129·7 | 52·5 | 39·0 | 8·0 | NNE | NNE | Calm | NE | 19 |
| 10 | ·740 | ·610 | 65·8 | 74·7 | 78·2 | 46·0 | 32·2 | 130·7 | 52·5 | 38·0 | 8·0 | NE | NE | NNE | NNE | 34 |
| 11 | ·698 | ·593 | 71·7 | 75·7 | 81·2 | 48·0 | 33·2 | 130·7 | 49·5 | 41·0 | 7·0 | NNE | NNE | W | W | 42 |
| 12 | ·730 | ·619 | 71·7 | 76·7 | 81·2 | 48·0 | 33·2 | 132·7 | 51·5 | 40·0 | 8·0 | Calm | W | NNW | Calm | 27 |
| 13 | ·766 | ·673 | 68·8 | 73·7 | 78·7 | 50·0 | 28·7 | 128·7 | 50·0 | 42·0 | 8·0 | NNW | Calm | Calm | NE | 37 |
| 14 | ·798 | ·675 | 70·7 | 75·7 | 78·2 | 47·0 | 31·2 | 130·7 | 52·5 | 40·0 | 7·0 | NE | Calm | Calm | Calm | 2 |
| 15 | ·747 | ·626 | 68·8 | 72·2 | 77·2 | 47·0 | 30·2 | 129·7 | 52·5 | 39·0 | 8·0 | Calm | Calm | NNW | NNW | 27 |
| 16 | ·740 | ·643 | 64·8 | 69·7 | 75·2 | 45·0 | 30·2 | 129·7 | 54·5 | 43·0 | 2·0 | NNW | Calm | Calm | Calm | 34 |
| 17 | ·806 | ·716 | 66·8 | 70·7 | 75·2 | 42·0 | 33·2 | 129·7 | 54·5 | 33·0 | 9·0 | NNE | Calm | NNE | NNE | 55 |
| 18 | ·780 | ·662 | 64·8 | 66·8 | 76·2 | 45·0 | 31·2 | 130·7 | 54·5 | 35·0 | 10·0 | NNE | NNE | Calm | Calm | 48 |
| 19 | ·771 | ·680 | 64·8 | 69·7 | 75·2 | 41·0 | 34·2 | 130·7 | 55·5 | 32·0 | 9·0 | Calm | Calm | N | N | 38 |
| 20 | ·717 | ·632 | 63·8 | 70·7 | 75·2 | 39·9 | 35·3 | 129·7 | 54·5 | 31·0 | 8·9 | N | N | NNW | NNW | 87 |
| 21 | ·645 | ·562 | 63·8 | 75·7 | 76·7 | 45·0 | 31·7 | 130·7 | 54·0 | 35·0 | 10·0 | NNW | NNW | Calm | NW | 58 |
| 22 | ·711 | ·609 | 65·8 | 76·7 | 78·7 | 44·0 | 34·7 | 131·7 | 53·0 | 35·0 | 9·0 | NW | Calm | NNE | NNE | 29 |
| 23 | ·744 | ·629 | 69·7 | 75·7 | 78·7 | 43·0 | 35·7 | 130·7 | 52·0 | 34·0 | 9·0 | NNE | NNE | NNW | NNW | 49 |
| 24 | ·715 | ·596 | 69·7 | 75·4 | 79·7 | 46·0 | 33·7 | 131·7 | 52·0 | 37·0 | 9·0 | NNW | Calm | NW | NW | 83 |
| 25 | ·790 | ·651 | 66·3 | 73·7 | 79·2 | 45·7 | 33·5 | 129·7 | 50·5 | 38·0 | 7·7 | NW | Calm | NNW | NNW | 94 |
| 26 | ·809 | ·703 | 64·8 | 72·2 | 75·2 | 45·0 | 30·2 | 131·7 | 56·5 | 35·0 | 10·0 | NNW | NNW | NNW | Calm | 88 |
| 27 | ·808 | ·701 | 62·8 | 65·8 | 73·1 | 43·0 | 30·1 | 129·7 | 56·6 | 32·0 | 11·0 | Calm | NNW | N | N | 73 |
| 28 | ·799 | ·648 | 62·3 | 72·7 | 76·2 | 44·0 | 32·2 | 129·7 | 53·5 | 35·0 | 9·0 | Calm | N | NNW | NNW | 88 |
| 29 | ·740 | ·609 | 65·8 | 71·7 | 76·2 | 45·0 | 31·2 | 130·7 | 54·5 | 35·0 | 10·0 | NNW | NNW | NNW | Calm | 107 |
| 30 | ·750 | ·682 | 64·8 | 69·7 | 73·1 | 49·0 | 24·1 | 102·7 | 29·6 | 42·0 | 7·0 | NNW | NNW | Calm | NNW | 20 |
| 31 | ·800 | ·672 | 63·8 | 71·7 | 74·1 | 50·5 | 23·6 | 132·7 | 58·6 | 43·0 | 7·5 | NNW | Calm | NNW | Calm | 82 |
| Mean | 29·757 | 29·648 | 67·1 | 73·0 | 77·5 | 45·7 | 31·8 | 129·9 | 52·5 | 37·3 | 8·4 | ... | ... | ... | ... | 43·7 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | Minimum. | 10 hours. | 16 hours. | From Minimum. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P. M. |
| 1 | 59·1 | 60·1 | 46·7 | ·362 | ·300 | ·303 | 49 | 33 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 2 | 58·1 | 58·1 | 44·7 | ·336 | ·331 | ·280 | 47 | 46 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 3 | 59·1 | 60·1 | 44·7 | ·374 | ·327 | ·280 | 54 | 38 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 4 | 58·1 | 60·1 | 44·7 | ·343 | ·367 | ·280 | 49 | 47 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 5 | 57·6 | 60·1 | 46·2 | ·328 | ·349 | ·306 | 47 | 43 | 93 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 6 | 58·1 | 61·1 | 44·7 | ·370 | ·346 | ·280 | 57 | 39 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 7 | 60·1 | 62·8 | 44·7 | ·380 | ·392 | ·280 | 51 | 44 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 8 | 60·1 | 60·1 | 45·2 | ·409 | ·327 | ·289 | 58 | 38 | 92 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 9 | 60·1 | 61·1 | 45·7 | ·452 | ·386 | ·292 | 73 | 48 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 10 | 60·1 | 60·6 | 44·7 | ·445 | ·336 | ·280 | 71 | 40 | 89 | ... | 0 | 7 | *b.* | K. | K. |
| 11 | 62·1 | 63·1 | 46·7 | ·431 | ·411 | ·303 | 56 | 46 | 89 | ... | 6 | 4 | K. | K. | K. *b.* *d* |
| 12 | 62·1 | 63·1 | 46·7 | ·431 | ·398 | ·303 | 56 | 44 | 89 | ... | 0 | 4 | *b.* | K. | K. *b.* *d* |
| 13 | 61·1 | 66·0 | 48·7 | ·437 | ·537 | ·321 | 63 | 65 | 90 | ... | 5 | 0 | K. | *b.* | *b.* *d* |
| 14 | 63·1 | 60·1 | 45·7 | ·478 | ·313 | ·292 | 64 | 35 | 89 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 15 | 57·1 | 57·1 | 46·2 | ·313 | ·268 | ·304 | 45 | 34 | 93 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 16 | 54·0 | 54·0 | 42·7 | ·276 | ·211 | ·245 | 44 | 29 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 17 | 55·1 | 55·1 | 39·4 | ·281 | ·229 | ·209 | 43 | 31 | 79 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 18 | 54·0 | 55·1 | 42·7 | ·276 | ·281 | ·245 | 44 | 43 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 19 | 54·0 | 56·1 | 39·6 | ·276 | ·271 | ·226 | 44 | 38 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 20 | 53·0 | 53·0 | 38·6 | ·260 | ·169 | ·218 | 43 | 23 | 87 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 21 | 52·0 | 59·1 | 41·6 | ·233 | ·282 | ·217 | 39 | 32 | 73 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 22 | 58·1 | 60·1 | 42·7 | ·383 | ·300 | ·258 | 61 | 33 | 88 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 23 | 59·1 | 59·1 | 41·6 | ·362 | ·282 | ·245 | 49 | 32 | 88 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 24 | 57·6 | 58·6 | 43·7 | ·316 | ·271 | ·256 | 43 | 31 | 81 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 25 | 55·1 | 55·1 | 45·7 | ·287 | ·189 | ·278 | 45 | 23 | 82 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 26 | 53·0 | 55·6 | 41·6 | ·248 | ·223 | ·219 | 40 | 29 | 73 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 27 | 51·0 | 55·1 | 40·6 | ·219 | ·294 | ·223 | 38 | 47 | 79 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 28 | 52·0 | 55·1 | 41·6 | ·253 | ·202 | ·232 | 44 | 25 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 29 | 52·0 | 56·1 | 42·7 | ·207 | ·245 | ·252 | 32 | 32 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* *d* |
| 30 | 55·1 | 59·1 | 46·7 | ·307 | ·362 | ·290 | 51 | 49 | 82 | ... | 10 | 8 | 0. | Cs. 0. | Cs. |
| 31 | 57·6 | 59·1 | 48·7 | ·394 | ·335 | ·322 | 68 | 43 | 86 | ... | 4 | 0 | K | *b.* | *b.* *d* |
| Mean | 57·1 | 58·7 | 44·1 | ·338 | ·308 | ·269 | 51 | 38 | 86 | ... | 0·81 | 0·74 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·358 | 29·409 | 29·320 | 29·339 | 29·356 | 45·2 | 65·9 | 76·8 | 52·2 | 60·0 | 78·6 | 41·1 | 37·5 | 8·9 | 133·0 | 54·4 | 30·8 | 10·3 | Calm | W | NW | Calm | 16·9 |
| 2 | ·301 | ·354 | ·274 | ·306 | ·309 | 44·8 | 69·1 | 73·6 | 52·2 | 59·9 | 80·0 | 42·1 | 37·9 | 9·5 | 133·0 | 53·0 | 32·8 | 9·3 | Calm | SE | Calm | Calm | 14·4 |
| 3 | ·307 | ·430 | ·335 | ·380 | ·363 | 48·2 | 69·1 | 75·1 | 52·2 | 61·2 | 78·0 | 44·6 | 33·4 | 9·5 | 131·5 | 53·5 | 34·8 | 9·8 | Calm | Calm | Calm | Calm | 15·6 |
| 4 | ·367 | ·449 | ·303 | ·361 | ·370 | 46·0 | 66·9 | 73·1 | 50·2 | 59·0 | 78·2 | 43·1 | 35·1 | 8·4 | 134·0 | 55·8 | 32·8 | 10·3 | Calm | NW | Calm | Calm | 22·6 |
| 5 | ·323 | ·365 | ·266 | ·294 | ·312 | 47·2 | 67·1 | 78·2 | 51·7 | 61·1 | 79·8 | 42·1 | 37·7 | 9·6 | 135·0 | 55·2 | 33·8 | 8·3 | Calm | W | W | Calm | 34·6 |
| 6 | ·270 | ·361 | ·295 | ·341 | ·317 | 44·3 | 64·7 | 74·6 | 51·2 | 58 7 | 78·5 | 41·1 | 37·4 | 9·5 | 132·5 | 54·0 | 31·8 | 9·3 | Calm | SE | Calm | Calm | 8·0 |
| 7 | ·343 | ·423 | ·325 | ·386 | ·369 | 47·2 | 65·9 | 72·1 | 52·2 | 59·3 | 75·5 | 43·6 | 31·9 | 8·9 | 130·0 | 54·5 | 35·8 | 7·8 | E | SE | E | Calm | 22·9 |
| 8 | ·357 | ·427 | ·307 | ·330 | ·355 | 46·7 | 65·1 | 70·1 | 56·2 | 59·5 | 75·0 | 44·1 | 30·9 | 7·0 | 129·0 | 54·0 | 36·9 | 7·2 | Calm | Calm | Calm | Calm | 8·2 |
| 9 | ·305 | ·403 | ·322 | ·343 | ·343 | 50·2 | 62·2 | 70·1 | 53·2 | 58·9 | 74·0 | 46·3 | 27·7 | 4·9 | 130·0 | 56·0 | 38·4 | 7·9 | Calm | E | Calm | Calm | 11·3 |
| 10 | ·319 | ·399 | ·281 | ·303 | ·326 | 49·7 | 65·9 | 73·1 | 52·2 | 60·2 | 74·8 | 44·1 | 30·7 | 9·2 | 130·0 | 55·2 | 35·8 | 8·3 | Calm | NE | NE | Calm | 16·9 |
| 11 | ·271 | ·317 | ·225 | ·264 | ·269 | 47·2 | 65·6 | 73·1 | 54·2 | 60·0 | 75·5 | 45·1 | 30·4 | 8·2 | 130·0 | 54·5 | 35·8 | 9·3 | Calm | Calm | Calm | Calm | 9·7 |
| 12 | ·271 | ·365 | ·283 | ·319 | ·310 | 47·2 | 64·2 | 72·1 | 53·2 | 59·2 | 74·5 | 45·3 | 29·2 | 8·7 | 128 0 | 53·5 | 36·9 | 8·4 | Calm | E | Calm | Calm | 15·3 |
| 13 | ·306 | ·438 | ·358 | ·399 | ·375 | 48·2 | 64·0 | 72·1 | 51·2 | 58·9 | 75·2 | 44·1 | 31·1 | 9·2 | 130·0 | 54·8 | 34·8 | 9·3 | Calm | Calm | Calm | Calm | 7·7 |
| 14 | ·402 | ·477 | ·395 | ·413 | ·422 | 44·3 | 61·2 | 68·1 | 49·4 | 55·8 | 75·0 | 39·1 | 35·9 | 6·6 | 143·0 | 68·0 | 31·8 | 7·3 | Calm | Calm | Calm | Calm | 10·3 |
| 15 | ·353 | ·391 | ·291 | ·330 | ·341 | 44·1 | 60·7 | 71·7 | 48·0 | 56·1 | 72·8 | 39·1 | 33·7 | 9·5 | 130·0 | 57·2 | 27·8 | 11·3 | Calm | W | W | Calm | 27·4 |
| 16 | ·315 | ·384 | ·295 | ·352 | ·336 | 42·3 | 63·0 | 69·6 | 47·2 | 55·5 | 74·0 | 38·2 | 35·8 | 9·4 | 130·2 | 56·2 | 29·8 | 8·4 | Caim | SE | Calm | Calm | 6·8 |
| 17 | ·352 | ·499 | ·429 | ·458 | ·435 | 42·3 | 65·0 | 69·9 | 48·0 | 56·3 | 73·6 | 40·9 | 32·7 | 9·1 | 129·0 | 55·4 | 32·8 | 8·1 | Calm | Calm | N | Calm | 19·7 |
| 18 | ·415 | ·449 | ·325 | ·347 | ·384 | 42·3 | 59·0 | 64·7 | 47·7 | 53·4 | 72·5 | 38·2 | 34·3 | 8·4 | 129·0 | 56·5 | 26·8 | 11·4 | Calm | Calm | Calm | Calm | 31·1 |
| 19 | ·333 | ·429 | ·333 | ·338 | ·358 | 40·3 | 53·2 | 65·1 | 47·2 | 51·5 | 70·6 | 38·2 | 32·4 | 2·4 | 141·0 | 70·4 | 31·8 | 6·4 | Calm | NE | NW | Calm | 10·0 |
| 20 | ·313 | ·397 | ·303 | ·286 | ·325 | 55·2 | 63·0 | 69·1 | 55·7 | 60·7 | 72·0 | 45·3 | 26·7 | 7·1 | 133·0 | 61·0 | 38·5 | 6·8 | N | NW | NW | Calm | 74·4 |
| 21 | ·238 | ·306 | ·251 | ·286 | ·270 | 50·2 | 58·2 | 67·1 | 54·7 | 57·5 | 70·8 | 44·1 | 26·7 | 4·4 | 130·0 | 59·2 | 36·3 | 7·8 | Calm | NE | Calm | Calm | 24·8 |
| 22 | ·286 | ·373 | ·307 | ·354 | ·330 | 52·2 | 64·2 | 64·7 | 53·2 | 58·6 | 72·8 | 49·5 | 23·3 | 4·1 | 142·5 | 69·7 | 42·4 | 7·1 | Calm | SE | NW | Calm | 46·0 |
| 23 | ·345 | ·449 | ·347 | ·375 | ·379 | 48·2 | 60·2 | 67·3 | 49·2 | 56·2 | 69·6 | 45·1 | 24·5 | 9·4 | 125·0 | 55·4 | 38·5 | 6·6 | Calm | NW | N | Calm | 76·0 |
| 24 | ·359 | ·454 | ·321 | ·354 | ·372 | 42·8 | 59·7 | 68·1 | 48·2 | 54·7 | 69·5 | 38·7 | 30·8 | 9·4 | 126·5 | 57·0 | 30·8 | 7·9 | Calm | W | W | Calm | 38·4 |
| 25 | ·379 | ·530 | ·395 | ·400 | ·426 | 40·3 | 59·0 | 69·1 | 46·2 | 53·7 | 71·0 | 35·7 | 35·3 | 9·5 | 128·0 | 57·0 | 26·8 | 8·9 | Calm | NNW | N | Calm | 18·3 |
| 26 | ·391 | ·465 | ·394 | ·432 | ·420 | 38·3 | 57·2 | 67·6 | 44·8 | 52·0 | 70·2 | 34·7 | 35·5 | 9·4 | 127·0 | 56·8 | 25·8 | 8·9 | Calm | W | Calm | Calm | 26·2 |
| 27 | ·419 | ·473 | ·337 | ·376 | ·401 | 39·3 | 58·2 | 67·6 | 41·3 | 51·6 | 69·5 | 35·7 | 33·8 | 9·4 | 128·0 | 58·5 | 25·6 | 10·1 | Calm | W | NNW | Calm | 21·6 |
| 28 | ·386 | ·493 | ·396 | ·374 | ·412 | 34·2 | 57·2 | 65·6 | 41·3 | 49·6 | 67·8 | 31·2 | 36·6 | 8·8 | 130·0 | 62·2 | 21·3 | 9·9 | Calm | SE | SW | Calm | 18·4 |
| 29 | ·316 | ·396 | ·310 | ·338 | ·340 | 34·0 | 56·7 | 65·1 | 43·3 | 49·8 | 66·8 | 30·7 | 36·1 | 9·5 | 125·5 | 58·7 | 20·8 | 9·9 | Calm | SSE | N | Calm | 15·1 |
| 30 | ·310 | ·398 | ·395 | ·501 | ·401 | 38·3 | 55·4 | 59·2 | 44·3 | 49·3 | 67·7 | 37·2 | 30·5 | 7·0 | 137·5 | 69·8 | 28·8 | 8·4 | Calm | SE | E | Calm | 24·4 |
| 31 | ·498 | ·543 | ·438 | ·400 | ·470 | 39·3 | 55·2 | 66·6 | 43·3 | 51·1 | 67·8 | 35·2 | 82·6 | 9·2 | 124·8 | 57·0 | 24·8 | 10·4 | Calm | N | NW | Calm | 49·7 |
| Mean | 29·339 | 29·421 | 29·328 | 29·357 | 29·361 | 44·5 | 62·0 | 69·7 | 49·5 | 56·4 | 73·3 | 40·8 | 32·5 | Total 254·1 | 131·2 | 57·9 | 32·0 | 8·7 | ... | ... | ... | ... | 24·0 |

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 42·4 | 53·3 | 58·2 | 49·3 | 50·8 | 40·6 | ·236 | ·241 | ·240 | ·314 | ·258 | ·247 | 78 | 38 | 26 | 79 | 55 | 95 | ... | 0 | 0 | 8 | 0 | *b.* | Pc. Cs. *b.c.* | Pc. Cs. *c.* |
| 2 | 43·4 | 56·2 | 57·2 | 48·5 | 51·3 | 41·6 | ·264 | ·282 | ·252 | ·293 | ·273 | ·257 | 88 | 39 | 30 | 75 | 58 | 96 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 45·4 | 57·2 | 58·7 | 48·3 | 52·4 | 43·6 | ·268 | ·311 | ·278 | ·288 | ·286 | ·272 | 79 | 43 | 32 | 73 | 57 | 92 | ... | 0 | 0 | 2 | 0 | *b.* | Cs. *c.* | *b.* |
| 4 | 43·4 | 54·3 | 57·2 | 46·8 | 50·4 | 42·1 | ·249 | ·256 | ·259 | ·276 | ·260 | ·256 | 80 | 39 | 31 | 75 | 56 | 92 | ... | 0 | 0 | 3 | 0 | *b.* | Cs. *b. c* | *b.* |
| 5 | 43·4 | 55·3 | 58·2 | 47·3 | 51·1 | 40·9 | ·233 | ·282 | ·221 | ·269 | ·251 | ·241 | 72 | 42 | 23 | 69 | 52 | 90 | ... | 8 | 2 | 0 | 0 | Cs. *c.* | Cs. *b.* | *b.* |
| 6 | 42·4 | 53·3 | 58·2 | 48·6 | 50·6 | 40·6 | ·247 | ·257 | ·269 | ·310 | ·271 | ·247 | 84 | 41 | 31 | 83 | 60 | 95 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 44·4 | 56·2 | 59·7 | 49·8 | 52·5 | 42·9 | ·257 | ·324 | ·349 | ·328 | ·314 | ·268 | 79 | 50 | 44 | 83 | 64 | 94 | ... | 0 | 2 | 0 | 0 | *b.* | Cs. *c.* | *b.* |
| 8 | 45·4 | 57·2 | 59·2 | 53·3 | 53·8 | 43·9 | ·288 | ·365 | ·360 | ·370 | ·346 | ·285 | 90 | 58 | 48 | 81 | 69 | 98 | ... | 0 | 8 | 8 | 9 | *b.* | Cs. *c.* | Pc. Cs. *c.* |
| 9 | 48·3 | 55·3 | 60·2 | 51·3 | 53·8 | 45·9 | ·315 | ·347 | ·391 | ·354 | ·352 | ·305 | 86 | 61 | 53 | 86 | 72 | 96 | ... | 2 | 8 | 5 | 0 | Pc. *c.* | Pc.Cs. *c.* | Pc. *b. c.* |
| 10 | 47·8 | 57·7 | 60·2 | 49·8 | 53·9 | 43·9 | ·309 | ·369 | ·351 | ·328 | ·339 | ·285 | 86 | 58 | 43 | 83 | 67 | 98 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 11 | 45·4 | 55·3 | 58·0 | 50·3 | 52·2 | 44·1 | ·281 | ·303 | ·283 | ·314 | ·295 | ·277 | 87 | 48 | 35 | 74 | 61 | 92 | ... | 0 | 6 | 6 | 0 | *b.* | Pc.Cs. *c.* | *b.* |
| 12 | 45·4 | 55·1 | 58·5 | 49·3 | 52·1 | 44·7 | ·281 | ·315 | ·311 | ·301 | ·302 | ·289 | 87 | 53 | 40 | 73 | 63 | 96 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 45·4 | 54·3 | 58·7 | 47·3 | 51·4 | 43·1 | ·268 | ·295 | ·317 | ·276 | ·289 | ·266 | 79 | 49 | 41 | 73 | 61 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 42·9 | 53·3 | 57·2 | 46·3 | 49·9 | 38·7 | ·259 | ·304 | ·325 | ·274 | ·291 | ·230 | 88 | 55 | 47 | 78 | 67 | 95 | ... | 0 | 4 | 6 | 0 | *b.* | Cs. *c.* | Pc. *b. g.* |
| 15 | 41·2 | 51·1 | 54·3 | 43·9 | 47·6 | 38·1 | ·222 | ·250 | ·193 | ·235 | ·225 | ·218 | 76 | 47 | 24 | 71 | 55 | 91 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 16 | 39·4 | 51·3 | 54·3 | 44·4 | 47·4 | 37·7 | ·205 | ·225 | ·221 | ·257 | ·227 | ·221 | 75 | 39 | 30 | 79 | 56 | 95 | ... | 0 | 3 | 0 | 0 | *b.* | Pk.Cs. *b.* | *b.* |
| 17 | 40·4 | 52·3 | 53·3 | 43·4 | 47·4 | 39·9 | ·227 | ·225 | ·188 | ·222 | ·216 | ·234 | 83 | 36 | 26 | 66 | 53 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 18 | 39·2 | 48·9 | 52·3 | 42·9 | 45·8 | 37·1 | ·200 | ·214 | ·229 | ·215 | ·215 | ·208 | 75 | 43 | 37 | 64 | 55 | 91 | ... | 0 | 0 | 8 | 0 | *b.* | Pc.C. *b.* | *b.* |
| 19 | 37·9 | 46·8 | 50·3 | 43·4 | 44·6 | 37·6 | ·197 | ·237 | ·170 | ·233 | ·209 | ·219 | 78 | 58 | 26 | 71 | 58 | 95 | ... | 0 | 10 | 8 | 5 | *b.* | Pc.Cs. *g.* | Pc. Cs. ∞ |
| 20 | 49·0 | 53·9 | 55·3 | 49·3 | 51·9 | 42·6 | ·267 | ·297 | ·256 | ·268 | ·272 | ·239 | 61 | 52 | 36 | 59 | 52 | 79 | | 10 | 3 | 2 | 2 | Pc. Cs. *g. d.* | Pc. Cs. *b. c.* | Pk. *c.* |
| 21 | 47·1 | 52·3 | 56·2 | 51·3 | 51·7 | 43·6 | ·284 | ·315 | ·309 | ·334 | ·310 | ·278 | 79 | 64 | 46 | 77 | 66 | 96 | ... | 2 | 3 | 10 | 8 | Cs. *c.* | Pc.Cs. *g.* | Pc. *o.* |
| 22 | 49·3 | 57·2 | 54·8 | 49·8 | 52·8 | 48·6 | ·314 | ·377 | ·300 | ·314 | ·326 | ·332 | 79 | 63 | 49 | 77 | 67 | 93 | ... | 9 | 5 | 5 | 2 | Pc.Cs. *g.* | Cs. *g.* | Pc. *c.* |
| 23 | 46·3 | 53·3 | 55·3 | 46·3 | 50·3 | 44·1 | ·290 | ·317 | ·280 | ·277 | ·291 | ·277 | 85 | 60 | 41 | 78 | 66 | 92 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 40·9 | 52·1 | 53·8 | 43·4 | 47·5 | 38·6 | ·232 | ·290 | ·226 | ·220 | ·242 | ·234 | 83 | 57 | 33 | 64 | 59 | 99 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 25 | 38·4 | 50·3 | 54·3 | 43·2 | 46·5 | 35·3 | ·209 | ·251 | ·227 | ·241 | ·232 | ·202 | 82 | 49 | 31 | 77 | 60 | 96 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 36·4 | 48·8 | 53·3 | 42·4 | 45·2 | 34·4 | ·192 | ·236 | ·219 | ·241 | ·222 | ·196 | 81 | 49 | 32 | 81 | 61 | 97 | ... | 0 | 0 | 2 | 6 | *b.* | Cs. *c.* | Cs. Pk. *c.* |
| 27 | 37·9 | 49·3 | 50·9 | 38·6 | 44·2 | 35·3 | ·210 | ·235 | ·153 | ·200 | ·199 | ·202 | 88 | 47 | 23 | 77 | 59 | 96 | ... | 2 | 0 | 0 | 0 | Cs. *c.* | *b.* | *b.* |
| 28 | 32·5 | 45·9 | 49·3 | 38·4 | 41·5 | 30·6 | ·163 | ·162 | ·138 | ·196 | ·165 | ·164 | 83 | 35 | 21 | 74 | 53 | 94 | ... | 0 | 0 | 4 | 0 | *b.* | Ck. *b.c.* | *b.* |
| 29 | 32·3 | 45·4 | 49·3 | 39·4 | 41·6 | 30·4 | ·162 | ·156 | ·145 | ·192 | ·164 | ·166 | 82 | 34 | 23 | 67 | 51 | 97 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 30 | 35·3 | 45·9 | 50·3 | 42·4 | 43·5 | 35·1 | ·168 | ·186 | ·248 | ·247 | ·212 | ·178 | 72 | 42 | 48 | 84 | 61 | 81 | ... | 0 | 5 | 2 | 0 | *b.* | Ck. *c.* | *b.* |
| 31 | 38·4 | 49·3 | 50·3 | 38·4 | 44·1 | 35·1 | ·222 | ·275 | ·151 | ·170 | ·204 | ·204 | 92 | 62 | 22 | 59 | 59 | 99 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| Mean. | 42·2 | 52·5 | 55·4 | 46·0 | 49·0 | 40·0 | ·243 | ·274 | ·254 | ·270 | ·260 | ·242 | 81 | 49 | 35 | 75 | 60 | 94 | ... | 1·06 | 1·90 | 2·55 | 1·03 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | Temperature of Air. | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 10 hours. | 16 hours. | 10 hours. | 16 hours. | Max. | Min. | Range. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 4 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·070 | 28·930 | 73·2 | 79·3 | 80·2 | 55·3 | 24·9 | 136·9 | 56·7 | 39·9 | 15·4 | NNW | NNE | N | N | 89 |
| 2 | ·031 | ·901 | 72·8 | 78·2 | 79·8 | 53·6 | 26·2 | 136·1 | 56·3 | 36·9 | 16·7 | NNW | N | NNE | NE | 97 |
| 3 | ·037 | ·906 | 71·2 | 76·7 | 78·7 | 53·2 | 25·5 | 134·9 | 56·2 | 36·9 | 16·3 | NNE | NNE | NE | NNE | 106 |
| 4 | ·063 | ·937 | 73·2 | 78·5 | 79·6 | 52·2 | 27·4 | 135·5 | 55·9 | 35·1 | 17·1 | NNE | NNE | NNE | NNE | 115 |
| 5 | ·071 | ·970 | 71·4 | 79·0 | 80·2 | 52·4 | 27·8 | 136·4 | 56·2 | 34·9 | 17·5 | N | NNE | NNE | NNE | 107 |
| 6 | ·072 | ·943 | 71·7 | 79·4 | 80·6 | 50·7 | 29·9 | 137·0 | 56·4 | 35·2 | 15·5 | N | NNE | NE | ENE | 83 |
| 7 | ·103 | ·951 | 71·0 | 80·7 | 81·9 | 52·2 | 29·7 | 137·9 | 56·0 | 36·1 | 16·1 | NNW | NNW | ENE | ENE | 81 |
| 8 | ·079 | ·951 | 71·2 | 81·3 | 82·1 | 51·7 | 30·4 | 137·9 | 55·8 | 35·9 | 15·8 | N | N | NNE | Calm | 64 |
| 9 | ·045 | ·931 | 71·2 | 80·6 | 81·5 | 52·2 | 29·3 | 137·3 | 55·8 | 34·9 | 17·3 | NNW | N | NE | NE | 67 |
| 10 | ·039 | ·919 | 71·3 | 81·3 | 82·1 | 53·3 | 28·8 | 137·9 | 55·8 | 37·4 | 15·9 | NNW | NNW | ENE | ENE | 77 |
| 11 | ·025 | ·887 | 71·0 | 80·4 | 80·7 | 53·7 | 27·0 | 137·4 | 56·7 | 36·4 | 17·3 | N | N | ENE | ENE | 95 |
| 12 | ·042 | ·917 | 70·7 | 79·2 | 79·7 | 52·0 | 27·7 | 135·9 | 56·2 | 37·5 | 14·5 | N | NNE | E | E | 101 |
| 13 | ·082 | ·931 | 70·7 | 79·7 | 80·6 | 52·3 | 28·3 | 136·1 | 55·5 | 36·3 | 16·0 | NNW | NNE | NE | ENE | 105 |
| 14 | ·087 | ·959 | 71·4 | 79·2 | 79·7 | 53·9 | 25·8 | 135·9 | 56·2 | 37·9 | 16·0 | NNE | NNE | ENE | ENE | 107 |
| 15 | ·072 | ·926 | 70·3 | 77·2 | 78·9 | 52·7 | 26·2 | 135·9 | 57·0 | 35·8 | 16·9 | N | NNE | NNE | NE | 106 |
| 16 | ·068 | ·942 | 68·4 | 79·0 | 79·7 | 53·2 | 26·5 | 136·2 | 56·5 | 37·2 | 16·0 | N | N | NE | ENE | 87 |
| 17 | ·111 | ·973 | 71·2 | 79·1 | 79·5 | 53·2 | 26·3 | 134·0 | 54·5 | 37·9 | 15·3 | NNW | NNE | ENE | NE | 128 |
| 18 | ·107 | ·956 | 70·4 | 78·2 | 78·7 | 54·0 | 24·7 | 135·2 | 56·5 | 38·3 | 15·7 | NNE | N | NNE | NE | 122 |
| 19 | ·082 | ·929 | 68·2 | 76·1 | 77·2 | 50·4 | 26·8 | 133·9 | 56·7 | 32·0 | 18·4 | NNE | NNE | NE | [illegible] | 107 |
| 20 | ·040 | ·891 | 66·2 | 76·0 | 76·4 | 48·2 | 28·2 | 135·0 | 58·6 | 29·9 | 18·3 | NNW | N | NNE | NE | 102 |
| 21 | 28·992 | ·859 | 67·7 | 77·2 | 77·6 | 47·4 | 30·2 | 135·1 | 57·5 | 30·1 | 17·3 | NNW | NNE | ENE | ENE | 104 |
| 22 | 29·026 | ·907 | 69·0 | 78·2 | 78·3 | 49·6 | 28·7 | 134·9 | 56·6 | 32·4 | 17·2 | N | N | ENE | ENE | 110 |
| 23 | ·044 | ·920 | 70·0 | 78·7 | 79·8 | 51·5 | 28·3 | 136·4 | 56·6 | 36·7 | 14·8 | N | N | ENE | Calm | 141 |
| 24 | ·038 | ·908 | 69·7 | 78·7 | 79·7 | 52·6 | 27·1 | 134·7 | 55·0 | 35·9 | 16·7 | N | N | ENE | ENE | 135 |
| 25 | ·068 | ·934 | 70·4 | 78·7 | 80·2 | 52·6 | 27·6 | 135·0 | 54·8 | 36·3 | 16·3 | N | NNE | NE | NE | 163 |
| 26 | ·086 | ·971 | 69·7 | 77·2 | 79·1 | 53·7 | 25·4 | 139·1 | 60·0 | 35·8 | 17·9 | NNE | NNE | E | ENE | 193 |
| 27 | ·102 | 29·006 | 65·3 | 71·3 | 73·2 | 60·8 | 12·4 | 122·9 | 49·7 | 55·8 | 5·0 | E | N | ENE | NNE | 165 |
| 28 | ·096 | 28·949 | 68·3 | 76·2 | 76·7 | 59·3 | 17·4 | 145·9 | 69·2 | 48·9 | 10·4 | NNE | NNW | ENE | E | 86 |
| 29 | ·055 | ·903 | 72·0 | 80·5 | 81·2 | 58·4 | 22·8 | 137·9 | 56·7 | 45·9 | 12·5 | ENE | NNE | ESE | ESE | 115 |
| 30 | ·042 | ·962 | 71·2 | 79·1 | 80·7 | 64·3 | 16·4 | 145·4 | 64·7 | 54·9 | 9·4 | E | E | SE | NNE | 66 |
| 31 | ·085 | ·957 | 74·1 | 80·2 | 82·2 | 67·1 | 15·1 | 146·9 | 64·7 | 61·8 | 5·3 | NNE | NNE | NNE | NNE | 68 |
| Mean | 29·063 | 28·933 | 70·5 | 78·6 | 79·6 | 53·8 | 25·8 | 136·7 | 57·1 | 38·6 | 15·2 | ... | ... | ... | ... | 106·2 |

| Date. | Temperature of Evaporation. | | | Computed Vapour Tension. | | | Relative Humidity. | | | Rainfall. | Cloud. | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | Min. | 10 hours. | 16 hours. | From Min. | 10 hours. | 16 hours. | From Min. | Inches. | 10 hours. | 16 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 60·9 | 63·7 | 51·2 | ·385 | ·394 | ·326 | 47 | 40 | 75 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 2 | 60·9 | 61·2 | 48·9 | ·389 | ·326 | ·290 | 48 | 34 | 70 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 3 | 59·7 | 61·1 | 48·4 | ·367 | ·345 | ·284 | 49 | 38 | 70 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 61·9 | 62·6 | 47·9 | ·417 | ·367 | ·283 | 51 | 38 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 5 | 59·9 | 61·8 | 48·2 | ·376 | ·342 | ·283 | 49 | 34 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 59·0 | 62·1 | 46·7 | ·343 | ·342 | ·268 | 44 | 34 | 73 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 7 | 59·8 | 62·2 | 47·9 | ·379 | ·326 | ·283 | 49 | 31 | 72 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 8 | 58·9 | 62·9 | 48·7 | ·349 | ·346 | ·305 | 45 | 32 | 80 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 59·9 | 61·1 | 48·9 | ·379 | ·295 | ·308 | 49 | 28 | 78 | ... | 0 | 1 | *b.* | C. *b.* | C. *b.* |
| 10 | 58·7 | 60·9 | 48·9 | ·338 | ·283 | ·293 | 45 | 26 | 71 | ... | 3 | 1 | *c.* | C. *b. c.* | C. *b. c.* |
| 11 | 58·7 | 61·9 | 49·1 | ·341 | ·326 | ·293 | 45 | 31 | 71 | ... | 3 | 2 | C. *c.* | C. *b. c.* | C. *b. c.* |
| 12 | 57·9 | 60·1 | 48·4 | ·325 | ·283 | ·299 | 43 | 28 | 77 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 13 | 59·0 | 61·8 | 48·8 | ·355 | ·332 | ·305 | 47 | 32 | 77 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 14 | 59·9 | 61·8 | 50·3 | ·376 | ·339 | ·325 | 49 | 34 | 77 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 15 | 58·7 | 59·9 | 49·4 | ·350 | ·302 | ·315 | 48 | 31 | 78 | ... | 2 | 3 | C. *c.* | C. *c.* | C. *c.* |
| 16 | 58·2 | 60·7 | 49·1 | ·356 | ·302 | ·299 | 52 | 31 | 74 | ... | 4 | 3 | C. *c.* | C. *c.* | C. *c.* |
| 17 | 59·9 | 61·1 | 49·7 | ·379 | ·314 | ·312 | 49 | 32 | 77 | ... | 1 | 2 | C. *b.* | C. *b. c.* | C. *b. c.* |
| 18 | 57·8 | 58·4 | 49·8 | ·329 | ·247 | ·309 | 44 | 25 | 73 | ... | 0 | 1 | *b.* | C. *b.* | C. *b.* |
| 19 | 53·9 | 56·9 | 44·8 | ·243 | ·228 | ·233 | 35 | 25 | 63 | ... | 0 | 1 | *b.* | C. *b.* | C. *b.* |
| 20 | 53·9 | 55·9 | 43·3 | ·267 | ·202 | ·222 | 41 | 22 | 65 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 54·4 | 56·9 | 43·2 | ·262 | ·216 | ·226 | 38 | 22 | 69 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 22 | 55·9 | 59·0 | 45·3 | ·289 | ·262 | ·253 | 41 | 27 | 71 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 23 | 56·9 | 58·1 | 46·7 | ·306 | ·229 | ·259 | 41 | 23 | 69 | ... | 0 | 0 | *b.* | *b.* | *b.* |
| 24 | 56·9 | 59·0 | 46·9 | ·309 | ·256 | ·253 | 42 | 26 | 64 | ... | 1 | 0 | C. *b.* | *b.* | *b.* |
| 25 | 56·8 | 58·4 | 46·7 | ·299 | ·241 | ·244 | 40 | 24 | 62 | ... | 0 | 0 | *b.* | *b,* | *b.* |
| 26 | 56·0 | 59·1 | 47·8 | ·280 | ·278 | ·262 | 38 | 30 | 63 | ... | 3 | 9 | C. *c.* | Pc. *c.* | Pc. *c.* |
| 27 | 61·7 | 61·8 | 57·2 | ·504 | ·438 | ·423 | 81 | 56 | 80 | 0·10 | 10 | 9 | Pc. *o.* | Pc. *c.* | Pc. *c.* |
| 28 | 64·4 | 66·4 | 57·8 | ·558 | ·505 | ·465 | 80 | 58 | 91 | 0·03 | 9 | 5 | Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| 29 | 65·8 | 66·1 | 57·3 | ·562 | ·459 | ·462 | 70 | 44 | 94 | ... | 1 | 3 | C. *b.* | Ck. Pc. *c.* | Ck. Pc. *c.* |
| 30 | 63·9 | 69·0 | 60·8 | ·507 | ·585 | ·494 | 66 | 59 | 81 | ... | 9 | 9 | Pc. *c.* | Pc. *c.* | Pc. *o.* |
| 31 | 66·9 | 68·4 | 64·3 | ·572 | ·551 | ·574 | 67 | 53 | 86 | ... | 8 | 9 | Pc. *c.* | Pc. K. *c.* | Pc. K. *c.* |
| Mean. | 59·3 | 61·3 | 49·8 | ·371 | ·331 | ·315 | 49 | 34 | 74 | Total 0·13 | 1·74 | 1·87 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | | Temperature of Air. | | | | | | | | Temperature of Radiation. | | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | Direction. | | | | Velocity. |
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Hours, bright sunshine. | Sun. | Difference, sun and shade. | Nocturnal on woollen pad. | Difference, shade and radiation. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Total miles. |
| 1 | 29·981 | 30·035 | 29·906 | 29·963 | 29·962 | 70·7 | 77·3 | 82·2 | 74·3 | 77·8 | 85·1 | 69·8 | 15·3 | 10·3 | 141·9 | 56·8 | 59·8 | 10·0 | ENE | ENE | NW | N | 309 |
| 2 | ·943 | 29·990 | ·880 | ·924 | ·926 | 70·6 | 76·2 | 81·9 | 73·3 | 77·2 | 85·0 | 68·9 | 16·1 | 10·4 | 140·2 | 55·2 | 58·3 | 10·6 | ENE | ENE | NW | N | 297 |
| 3 | ·938 | ·980 | ·867 | ·942 | ·920 | 70·9 | 76·0 | 82·1 | 73·2 | 77·3 | 84·8 | 69·1 | 15·7 | 10·4 | 140·1 | 55·3 | 58·6 | 10·5 | ENE | ENE | NW | NNE | 329 |
| 4 | ·969 | 30·024 | ·899 | ·975 | ·956 | 72·6 | 78·3 | 82·1 | 73·0 | 77·9 | 84·8 | 70·0 | 14·8 | 10·4 | 139·0 | 54·2 | 58·4 | 11·6 | E | E | NW | N | 343 |
| 5 | ·973 | ·041 | ·929 | ·993 | ·976 | 70·6 | 76·2 | 82·1 | 73·3 | 77·5 | 86·7 | 70·0 | 16·7 | 10·5 | 141·6 | 54·9 | 57·1 | 12·9 | ENE | NE | NW | N | 284 |
| 6 | ·967 | ·017 | ·903 | ·982 | ·955 | 70·1 | 75·6 | 81·7 | 72·0 | 76·9 | 86·5 | 68·1 | 18·4 | 10·4 | 143·0 | 56·5 | 55·7 | 12·4 | ENE | ENE | NW | N | 270 |
| 7 | ·981 | ·026 | ·885 | ·978 | ·955 | 70·0 | 76·4 | 84·2 | 73·2 | 77·8 | 86·1 | 67·6 | 18·5 | 10·3 | 142·0 | 55·9 | 55·3 | 12·3 | ENE | ENE | NE | N | 284 |
| 8 | ·966 | ·016 | ·881 | ·954 | ·943 | 71·6 | 77·7 | 84·5 | 75·0 | 79·2 | 88·9 | 69·8 | 19·1 | 10·4 | 142·3 | 53·4 | 55·9 | 13·9 | ENE | ENE | NNW | N | 327 |
| 9 | ·906 | 29·963 | ·868 | ·957 | ·914 | 73·0 | 79·2 | 81·5 | 76·4 | 78·5 | 85·8 | 70·1 | 15·7 | 10·3 | 142·7 | 56·9 | 58·2 | 11·9 | ENE | ENE | WNW | NNW | 281 |
| 10 | ·922 | ·971 | ·875 | ·939 | ·916 | 72·6 | 78·4 | 81·3 | 75·5 | 78·0 | 85·1 | 70·5 | 14·6 | 9·4 | 143·7 | 58·6 | 60·6 | 9·9 | NE | NE | WNW | NNW | 229 |
| 11 | ·905 | ·950 | ·838 | ·928 | ·893 | 71·8 | 77·1 | 81·8 | 73·6 | 77·3 | 84·6 | 70·8 | 13·8 | 9·9 | 141·2 | 56·6 | 59·8 | 11·0 | ENE | NE | W | N | 205 |
| 12 | ·911 | ·969 | ·859 | ·938 | ·910 | 70·7 | 75·6 | 81·3 | 74·4 | 76·7 | 82·9 | 69·6 | 13·3 | 9·9 | 139·6 | 56·7 | 60·3 | 9·3 | ENE | NE | NW | N | 225 |
| 13 | ·916 | ·986 | ·862 | ·959 | ·921 | 70·4 | 75·7 | 82·1 | 75·1 | 77·5 | 86·2 | 69·7 | 16·5 | 10·1 | 141·2 | 55·0 | 57·3 | 12·4 | ENE | ENE | NW | N | 243 |
| 14 | ·924 | ·992 | ·882 | ·959 | ·929 | 70·5 | 78·7 | 83·9 | 75·3 | 79·0 | 87·6 | 69·9 | 17·7 | 9·8 | 141·1 | 53·5 | 58·0 | 11·9 | N | ENE | NW | N | 194 |
| 15 | ·938 | ·992 | ·878 | ·957 | ·931 | 73·2 | 78·0 | 81·7 | 75·4 | 78·2 | 85·4 | 72·7 | 12·7 | 8·8 | 138·0 | 52·6 | 58·3 | 14·4 | ENE | ENE | WNW | NNW | 207 |
| 16 | ·960 | 30·026 | ·887 | ·964 | ·950 | 72·1 | 75·9 | 82·0 | 74·3 | 77·2 | 83·7 | 71·0 | 12·7 | 9·5 | 138·9 | 55·2 | 60·3 | 10·7 | ENE | E | WNW | N | 187 |
| 17 | ·970 | ·042 | ·917 | ·999 | ·971 | 71·4 | 76·4 | 81·1 | 74·1 | 77·4 | 85·6 | 69·8 | 15·8 | 10·0 | 140·9 | 55·3 | 59·8 | 10·0 | ENE | ENE | NW | N | 241 |
| 18 | 985 | ·034 | ·892 | ·970 | ·959 | 71·3 | 77·4 | 80·8 | 74·0 | 77·2 | 84·2 | 70·2 | 14·0 | 9·9 | 140·8 | 56·6 | 59·1 | 11·1 | ENE | E | WNW | N | 247 |
| 19 | 951 | ·000 | ·877 | ·952 | ·935 | 71·4 | 77·4 | 83·1 | 74·1 | 77·9 | 84·1 | 70·7 | 13·4 | 9·4 | 140·2 | 56·1 | 57·9 | 12·8 | ENE | E | ENE | N | 284 |
| 20 | 913 | 29·970 | ·840 | ·913 | ·900 | 70·1 | 76·1 | 80·8 | 72·7 | 76·4 | 83·7 | 69·2 | 14·5 | 10·3 | 139·9 | 56·2 | 55·4 | 13·8 | ENE | E | WNW | NNW | 247 |
| 21 | ·875 | ·938 | ·824 | ·930 | ·882 | 68·4 | 72·4 | 79·3 | 72·4 | 74·3 | 80·9 | 66·8 | 14·1 | 10·1 | 136·8 | 55·9 | 54·3 | 12·5 | NE | ENE | WNW | N | 188 |
| 22 | ·920 | ·966 | ·837 | ·919 | ·899 | 67·3 | 73·2 | 79·4 | 73·1 | 74·6 | 82·8 | 66·0 | 16·8 | 10·2 | 136·7 | 53·9 | 53·0 | 13·0 | NE | NE | NW | N | 251 |
| 23 | ·910 | ·961 | ·852 | ·918 | ·900 | 70·8 | 76·0 | 81·1 | 75·1 | 77·0 | 83·1 | 66·6 | 16·5 | 9·9 | 140·1 | 57·0 | 55·5 | 11·1 | ENE | NE | NW | NNW | 312 |
| 24 | ·891 | ·946 | ·834 | ·924 | ·886 | 70·4 | 76·2 | 78·8 | 73·3 | 75·8 | 86·3 | 69·0 | 17·3 | 10·1 | 142·9 | 56·6 | 58·1 | 10·9 | NE | ENE | NNW | N | 303 |
| 25 | 903 | ·982 | ·849 | ·946 | ·908 | 69·8 | 76·8 | 80·5 | 74·4 | 76·6 | 84·2 | 68·9 | 15·3 | 10·1 | 140·5 | 56·3 | 56·7 | 12·2 | NNE | NE | WNW | N | 246 |
| 26 | ·903 | ·971 | ·848 | ·937 | ·905 | 71·4 | 77·5 | 81·5 | 75·8 | 78·3 | 86·1 | 70·1 | 16·0 | 10·2 | 141·9 | 55·8 | 57·2 | 12·9 | ENE | ENE | NW | NNW | 332 |
| 27 | ·895 | ·956 | ·870 | ·956 | ·908 | 73·7 | 79·8 | 81·8 | 76·7 | 79·5 | 87·7 | 71·9 | 15·8 | 6·7 | 148·8 | 61·1 | 62·3 | 9·6 | NE | E | WSW | NE | 171 |
| 28 | ·923 | ·979 | ·835 | ·915 | ·902 | 74·8 | 80·1 | 84·1 | 77·7 | 80·5 | 87·8 | 74·1 | 13·7 | 9·9 | 142·0 | 54·2 | 68·4 | 5·7 | NE | ENE | WNW | NNW | 220 |
| 29 | ·875 | ·843 | ·829 | ·939 | ·886 | 75·4 | 79·7 | 83·9 | 78·7 | 80·5 | 87·6 | 74·6 | 13·0 | 9·1 | 140·6 | 53·0 | 65·3 | 9·3 | NE | ENE | W | NW | 143 |
| 30 | ·932 | 30·012 | ·912 | ·990 | ·953 | 74·4 | 75·0 | 77·3 | 75·9 | 76·0 | 82·5 | 73·9 | 8·6 | 0 | 103·1 | 20·6 | 69·2 | 4·7 | NNW | N | NNW | N | 217 |
| 31 | ·965 | ·039 | 921 | ·966 | ·964 | 74·2 | 76·0 | 78·2 | 76·5 | 76·8 | 81·6 | 73·2 | 8·4 | 0 | 115·7 | 34·1 | 69·0 | 4·2 | NNE | NE | NNE | NNE | 258 |
| Mean | 29·933 | 29·991 | 29·872 | 29·951 | 29·926 | 71·5 | 76·8 | 81·6 | 74·6 | 77·5 | 85·1 | 70·1 | 15·0 | 286·7 | 138·9 | 53·9 | 59·1 | 11·0 | ... | .. | ... | ... | 254·0 |

*N. B.*— + ·012 is to be applied to reduce the barometric readings to the Calcutta standard.

| Date. | Temperature of Evaporation. | | | | | | Computed Vapour Tension. | | | | | | Relative Humidity. | | | | | | Rain-fall. | Cloud. | | | | Cloud and Weather Initials. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 6 hours. | 10 hours. | 16 hours. | 22 hours. | Before 10 A.M. | 10 A.M. to 4 P.M. | After 4 P.M. |
| 1 | 64·9 | 67·9 | 72·3 | 68·9 | 68·7 | 64·8 | ·539 | ·558 | ·661 | ·645 | ·600 | ·548 | 72 | 59 | 60 | 74 | 66 | 75 | ... | 0 | 0 | 1 | 0 | Ck. C. | K. Ck. C. | *b.* |
| 2 | 65·9 | 67·0 | 70·9 | 66·4 | 67·6 | 64·9 | ·575 | ·539 | ·609 | ·557 | ·570 | ·563 | 77 | 60 | 56 | 67 | 65 | 80 | .. | 0 | 6 | 0 | 1 | *b.q* | Ck. C. | Ck. C. |
| 3 | 63·7 | 67·0 | 71·8 | 65·2 | 67·2 | 63·6 | ·495 | ·542 | ·643 | ·516 | ·549 | ·516 | 65 | 60 | 59 | 63 | 62 | 73 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 4 | 63·1 | 65·1 | 70·8 | 66·0 | 66·2 | 63·0 | ·452 | ·445 | ·603 | ·547 | ·512 | ·484 | 56 | 46 | 55 | 67 | 56 | 66 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | Ck. |
| 5 | 63·3 | 66·6 | 72·5 | 66·1 | 67·0 | 62·0 | ·486 | ·526 | ·670 | ·546 | ·557 | ·450 | 65 | 59 | 61 | 66 | 62 | 61 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 6 | 63·3 | 66·3 | 71·6 | 65·7 | 66·3 | 63·1 | ·492 | ·522 | ·641 | ·550 | ·551 | ·512 | 67 | 59 | 60 | 70 | 64 | 74 | ... | 0 | 0 | 0 | 0 | *b.* | Ck. C. | *b.* |
| 7 | 64·2 | 67·0 | 72·6 | 65·3 | 67·1 | 62·8 | ·524 | ·537 | ·647 | ·518 | ·557 | ·509 | 72 | 59 | 56 | 63 | 63 | 76 | ... | 1 | 7 | 0 | 0 | Ck. C. | K. Ck. C. | *b.* |
| 8 | 63·2 | 67·3 | 74·3 | 67·6 | 68·3 | 63·0 | ·469 | ·529 | ·709 | ·577 | ·571 | ·486 | 60 | 55 | 60 | 66 | 60 | 67 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 9 | 67·1 | 68·6 | 73·6 | 69·1 | 70·3 | 64·1 | ·586 | ·558 | ·723 | ·614 | ·620 | ·519 | 72 | 57 | 67 | 68 | 66 | 70 | ... | 0 | 0 | 1 | 0 | *b.* | K. Ck. C. | Ck. |
| 10 | 67·2 | 67·8 | 73·2 | 71·9 | 70·3 | 66·4 | ·594 | ·539 | ·709 | ·735 | ·644 | ·595 | 74 | 56 | 67 | 84 | 70 | 80 | ... | 2 | 4 | 7 | 0 | Ck. C. | K. Ck. C. | *b.* |
| 11 | 67·7 | 69·2 | 71·2 | 68·2 | 69·5 | 66·3 | ·625 | ·609 | ·623 | ·619 | ·619 | ·587 | 81 | 65 | 58 | 74 | 70 | 78 | ... | 1 | 0 | 0 | 0 | K. | K. Ck. | *b.* |
| 12 | 67·3 | 68·8 | 71·8 | 69·3 | 69·7 | 66·0 | ·624 | ·614 | ·653 | ·649 | ·635 | ·593 | 83 | 70 | 61 | 76 | 72 | 82 | ... | 0 | 0 | 1 | 0 | *b.q* | Ck. C. | *b.* |
| 13 | 66·1 | 67·4 | 73·7 | 69·6 | 69·5 | 64·6 | ·585 | ·561 | ·719 | ·651 | ·629 | ·542 | 79 | 63 | 65 | 75 | 71 | 75 | ... | 0 | 0 | 0 | 0 | *b.q* | Ck. | *b.* |
| 14 | 65·3 | 69·3 | 75·3 | 70·2 | 70·5 | 65·0 | ·556 | ·591 | ·747 | ·672 | ·642 | ·553 | 74 | 60 | 65 | 77 | 69 | 75 | ... | 0 | 0 | 2 | 0 | *b.* | Ck. C. | *b.* |
| 15 | 69·5 | 70·1 | 73·6 | 69·9 | 71·2 | 67·9 | ·672 | ·631 | ·721 | ·658 | ·671 | ·620 | 82 | 65 | 67 | 75 | 73 | 77 | ... | 6 | 6 | 5 | 0 | Ck. C.*q* | Ck. C. | *b,* |
| 16 | 68·2 | 68·5 | 68·3 | 68·4 | 68·5 | 67·0 | ·639 | ·599 | ·509 | ·616 | ·590 | ·610 | 81 | 67 | 46 | 72 | 66 | 80 | ... | 7 | 1 | 0 | 0 | K. Ck. C. | K. Ck. C. | *b.* |
| 17 | 67·2 | 68·6 | 72·5 | 69·0 | 70·0 | 66·0 | ·612 | ·595 | ·684 | ·642 | ·634 | ·590 | 79 | 66 | 65 | 76 | 72 | 81 | ... | 2 | 3 | 1 | 0 | K. Ck. C.*q* | K. Ck. C. | K. |
| 18 | 65·5 | 67·6 | 70·4 | 69·5 | 68·4 | 65·0 | ·552 | ·546 | ·605 | ·662 | ·591 | ·549 | 72 | 58 | 57 | 79 | 66 | 74 | ... | 0 | 0 | 2 | 0 | *b.* | K. Ck. C. | *b.* |
| 19 | 65·7 | 66·1 | 70·5 | 69·7 | 68·3 | 62·9 | ·557 | ·491 | ·578 | 667 | ·573 | ·471 | 72 | 52 | 52 | 79 | 64 | 63 | ... | 9 | 4 | 2 | 0 | K. Ck. C. | Ck. C. | *b.* |
| 20 | 63·0 | 63·2 | 68·7 | 67·3 | 65·4 | 60·4 | ·483 | ·408 | ·541 | ·597 | ·507 | ·410 | 66 | 45 | 52 | 74 | 59 | 57 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 21 | 65·0 | 64·0 | 67·5 | 65·5 | 65·6 | 62·3 | ·573 | ·485 | ·517 | ·537 | ·528 | ·503 | 82 | 60 | 52 | 67 | 65 | 76 | ... | 0 | 0 | 0 | 0 | *b.q* | Ck. C. | *b.* |
| 22 | 63·3 | 66·5 | 68·3 | 66·8 | 66·6 | 63·0 | ·530 | ·562 | ·545 | ·575 | ·553 | ·537 | 79 | 68 | 54 | 71 | 68 | 84 | ... | 0 | 0 | 0 | 0 | K. *q* | Ck. C. | *b.* |
| 23 | 63·4 | 64·3 | 72·5 | 69·7 | 68·2 | 60·2 | ·486 | ·447 | ·684 | ·654 | ·568 | ·438 | 64 | 50 | 65 | 75 | 64 | 66 | ... | 4 | 4 | 1 | 0 | K. Ck. C. | Ck. C. | *b.* |
| 24 | 62·9 | 66·7 | 70·2 | 68·2 | 67·7 | 60·0 | ·475 | ·530 | ·625 | ·623 | ·563 | ·399 | 64 | 59 | 63 | 76 | 65 | 56 | ... | 0 | 0 | 0 | 0 | Ck. | *b.* | *b.* |
| 25 | 64·3 | 64·3 | 70·0 | 68·2 | 67·2 | 63·6 | ·530 | ·436 | ·594 | ·608 | ·542 | ·519 | 73 | 47 | 57 | 71 | 62 | 74 | ... | 0 | 0 | 0 | 0 | *b.* | *b.* | *b.* |
| 26 | 64·7 | 65·7 | 71·2 | 68·3 | 67·5 | 63·5 | ·522 | ·476 | ·627 | ·593 | ·555 | ·499 | 68 | 51 | 58 | 66 | 61 | 68 | ... | 0 | 1 | 0 | 10 | K. C. | Ck. C. | K. Ck. *o.* |
| 27 | 69·6 | 72·6 | 76·1 | 73·2 | 73·3 | 67·0 | ·670 | ·706 | ·825 | ·772 | ·743 | ·597 | 81 | 69 | 76 | 84 | 78 | 76 | 0·05 | 2 | 0 | 10 | 10 | Ck. | K.Ck.C. *o.* | Pk.K. *o. r.* |
| 28 | 70·2 | 73·1 | 76·7 | 71·9 | 73·2 | 69·9 | ·678 | ·722 | ·820 | ·705 | ·731 | ·675 | 79 | 70 | 70 | 74 | 73 | 80 | ... | 7 | 0 | 0 | 0 | K. Ck. | K. Ck. | K. |
| 29 | 70·7 | 72·8 | 74·5 | 75·8 | 73·4 | 70·2 | ·689 | ·715 | ·728 | ·853 | ·747 | ·680 | 78 | 70 | 62 | 87 | 74 | 79 | 0·02 | 2 | 0 | 1 | 10 | K. Ck. | K. Ck. | Pk. K. *o.r.* |
| 30 | 72·3 | 71·9 | 73·1 | 73·5 | 72·6 | 71·5 | ·766 | ·742 | ·759 | ·794 | ·765 | ·741 | 90 | 86 | 81 | 88 | 86 | 88 | 0·09 | 10 | 10 | 10 | 10 | Pk. K.*o.r.t.* | Pk. K. *o.* | Pk. K. *o.* |
| 31 | 69·5 | 70·9 | 70·5 | 69·5 | 70·3 | 69·1 | ·659 | ·689 | ·644 | ·628 | ·655 | ·657 | 78 | 77 | 67 | 69 | 74 | 81 | ... | 10 | 10 | 10 | 10 | K. *o.* | Pk. K. *o.* | Pk. K. *o.* |
| Mean. | 66·0 | 67·8 | 71·9 | 68·8 | 68·9 | 64·8 | ·571 | ·563 | ·657 | ·632 | ·606 | ·547 | 74 | 61 | 61 | 73 | 67 | 74 | Total 0·16 | 2·03 | 1·81 | 1·74 | 1·65 | ... | ... | ... |

| Date. | Barometer reduced to 32°. | | | | Temperature of Air. | | | | | | | Temperature of Radiation. | | | | Wind. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | 10 hours. | 16 hours. | 22 hours. | Mean. | Maximum. | Minimum. | Range. | Sun. | Difference, sun and shade. | Nocturnal minimum on ground. | Difference, shade and radiation. | Direction. 12 hours. | Direction. 24 hours. | Velocity. 12 hours. | Velocity. 24 hours. | Velocity. Total miles. |
| 1 | 30·028 | 29·914 | 29·999 | 29·967 | 80·3 | 80·8 | 74·8 | 76·3 | 83·3 | 70·2 | 13·1 | 144·1 | 60·8 | 67·1 | 3·1 | NNE | N by E | 65 | 96 | 161 |
| 2 | 29·993 | ·890 | ·982 | ·943 | 82·6 | 80·6 | 75·1 | 77·3 | 83·6 | 71·5 | 12·1 | 139·9 | 56·3 | 69·7 | 1·8 | N by E | NNE | 86 | 146 | 232 |
| 3 | ·988 | ·867 | ·974 | ·929 | 77·9 | 78·7 | 73·9 | 74·6 | 82·4 | 68·6 | 13·8 | 140·7 | 58·3 | 64·2 | 4·4 | N | N | 76 | 123 | 199 |
| 4 | ·967 | ·872 | ·963 | ·923 | 73·0 | 77·3 | 74·8 | 73·5 | 79·4 | 69·7 | 9·7 | 141·5 | 62·1 | 66·7 | 3·0 | NNW | N by W | 76 | 131 | 207 |
| 5 | ·960 | ·870 | ·957 | ·918 | 76·6 | 73·6 | 75·3 | 74·2 | 77·5 | 71·6 | 5·9 | 117·9 | 40·4 | 71·3 | 0·3 | NNW | NNW | 123 | 128 | 251 |
| 6 | ·973 | ·869 | ·980 | ·929 | 78·1 | 76·0 | 74·2 | 75·2 | 83·9 | 73·1 | 10·8 | 140·9 | 57·0 | 72·1 | 1·0 | N by E | NE | 114 | 107 | 221 |
| 7 | 30·020 | ·899 | 30·015 | ·964 | 79·8 | 78·8 | 76·8 | 76·7 | 82·3 | 72·2 | 10·1 | 122·6 | 40·3 | 71·3 | 0·9 | ENE | ENE | 64 | 80 | 144 |
| 8 | ·024 | ·930 | ·020 | ·980 | 73·8 | 75·1 | 74·8 | 73·8 | 78·3 | 71·7 | 6·6 | 120·7 | 42·4 | 71·1 | 0·6 | E by S | NE by N | 50 | 37 | 87 |
| 9 | 29·997 | ·900 | 29·992 | ·952 | 81·0 | 79·1 | 76·8 | 77·3 | 85·1 | 73·0 | 12·1 | 139·6 | 54·5 | 70·7 | 2·3 | NE by N | NE by E | 66 | 137 | 203 |
| 10 | 30·019 | ·921 | ·991 | ·965 | 77·8 | 76·6 | 75·8 | 75·9 | 79·9 | 73·9 | 6·0 | 98·5 | 18·6 | 73·7 | 0·2 | NE by N | NE by N | 111 | 70 | 181 |
| 11 | ·010 | 899 | ·581 | ·950 | 80·6 | 79·8 | 73·8 | 75·8 | 83·4 | 70·1 | 13·3 | 140·7 | 57·3 | 67·7 | 2·4 | NNE | NNE | 82 | 86 | 168 |
| 12 | ·017 | ·905 | 30·012 | ·965 | 81·8 | 79·8 | 75·8 | 77·5 | 83·4 | 73·4 | 10·0 | 137·9 | 54·5 | 72·9 | 0·5 | NNE | NE by N | 103 | 113 | 216 |
| 13 | ·055 | ·950 | ·032 | 30·000 | 76·8 | 79·6 | 74·3 | 75·1 | 82·4 | 70·4 | 12·0 | 129·6 | 47·2 | 67·7 | 2·7 | NNE | NNE | 44 | 105 | 149 |
| 14 | ·072 | ·946 | ·042 | ·005 | 80·6 | 79·4 | 70·2 | 74·1 | 82·8 | 67·2 | 15·6 | 138·5 | 55·7 | 63·7 | 3·5 | NNE | NNE | 83 | 96 | 179 |
| 15 | ·045 | ·905 | ·009 | 29·969 | 79·4 | 78·8 | 74·8 | 74·7 | 82·3 | 67·0 | 15·3 | 132·6 | 50·3 | 62·7 | 4·3 | NNE | NNE | 73 | 107 | 180 |
| 16 | ·016 | ·928 | ·027 | ·980 | 78·5 | 79·8 | 74·8 | 75·1 | 82·2 | 68·3 | 13·9 | 140·6 | 58·4 | 65·6 | 2·7 | N by E | N by E | 71 | 115 | 186 |
| 17 | ·042 | ·942 | 054 | 30·001 | 79·8 | 77·6 | 73·8 | 75·7 | 82·8 | 72·4 | 10·4 | 141·0 | 58·2 | 68·6 | 3·8 | NNE | NNE | 131 | 140 | 271 |
| 18 | ·044 | ·923 | ·020 | 29·982 | 74·8 | 77·9 | 71·8 | 72·8 | 82·4 | 67·9 | 14·5 | 141·4 | 59·0 | 65·6 | 2·3 | N by E | NNE | 69 | 106 | 175 |
| 19 | ·039 | ·908 | 29·967 | ·956 | 74·0 | 77·8 | 74·8 | 73·1 | 79·8 | 66·9 | 12·9 | 121·7 | 41·9 | 63·4 | 3·5 | N by E | NNE | 59 | 126 | 185 |
| 20 | 29·961 | ·833 | ·923 | ·891 | 73·0 | 75·8 | 72·0 | 72·3 | 79·8 | 69·3 | 10·5 | 136·3 | 56·5 | 68·4 | 0·9 | N by E | N | 104 | 130 | 234 |
| 21 | ·939 | ·849 | ·958 | ·905 | 72·8 | 75·8 | 73·8 | 73·3 | 76·4 | 70·7 | 5·7 | 94·5 | 18·1 | 69·8 | 0·9 | N | NNE | 81 | 93 | 174 |
| 22 | ·991 | ·882 | ·579 | ·938 | 75·6 | 77·6 | 75·8 | 75·1 | 79·8 | 72·1 | 7·7 | 118·5 | 38·7 | 70·2 | 1·9 | N by E | NNE | 74 | 117 | 191 |
| 23 | 30·005 | ·903 | ·993 | ·955 | 79·8 | 78·9 | 74·0 | 76·4 | 83·3 | 73·7 | 9·6 | 143·5 | 60·2 | 70·6 | 3·1 | NE by N | NNE | 109 | 128 | 237 |
| 24 | 29·964 | ·882 | ·960 | ·925 | 77·6 | 76·7 | 75·8 | 74·4 | 83·2 | 68·7 | 14·5 | 139·3 | 56·1 | 64·4 | 4·3 | NNE | NNE | 59 | 124 | 183 |
| 25 | ·975 | ·850 | ·947 | ·909 | 72·8 | 73·2 | 73·8 | 72·5 | 73·8 | 70·8 | 3·0 | 80·5 | 6·7 | 70·5 | 0·3 | N by E | N by E | 92 | 136 | 228 |
| 26 | ·966 | ·878 | ·991 | ·935 | 79·8 | 77·4 | 76·8 | 76·5 | 83·5 | 72·9 | 10·6 | 140·2 | 56·7 | 72·6 | 0·3 | NE by E | E by N | 147 | 142 | 289 |
| 27 | 30·016 | ·919 | 30·016 | ·973 | 80·8 | 78·9 | 76·8 | 77·5 | 84·1 | 74·1 | 10·0 | 137·8 | 53·7 | 72·6 | 1·5 | ENE | NE by E | 139 | 136 | 275 |
| 28 | ·012 | ·906 | ·014 | ·965 | 78·4 | 80·8 | 76·8 | 77·5 | 84·6 | 74·9 | 9·7 | 143·9 | 59·3 | 72·2 | 2·7 | ENE | ENE | 115 | 142 | 257 |
| 29 | ·024 | ·924 | ·041 | ·984 | 81·8 | 80·0 | 75·8 | 77·7 | 84·4 | 74·0 | 10·4 | 136·3 | 51·9 | 70·8 | 3·2 | E by N | NE by E | 87 | 87 | 174 |
| 30 | ·084 | ·982 | ·073 | 30·034 | 78·8 | 81·2 | 75·8 | 77·5 | 83·8 | 75·1 | 8·7 | 141·7 | 57·9 | 73·0 | 2·1 | NE | NE by E | 96 | 87 | 183 |
| 31 | ·112 | ·972 | ·061 | ·032 | 82·4 | 80·0 | 71·1 | 75·9 | 84·0 | 71·3 | 12·7 | 138·5 | 54·5 | 68·6 | 2·7 | NE | NE by N | 59 | 65 | 124 |
| Mean. | 30·012 | 29·904 | 29·999 | 29·959 | 78·1 | 78·2 | 74·7 | 75·3 | 81·9 | 71·2 | 10·7 | 131·7 | 49·8 | 69·0 | 2·2 | ... | ... | 87·4 | 110·8 | 198·2 |

| Date. | Temperature of Evaporation. | | | | | Computed Vapour Tension. | | | | | Relative Humidity. | | | | | Rain-fall. | Cloud. | | Cloud and Weather Initials. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 hours. | 16 hours. | 22 hours. | Mean. | Minimum. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | 10 hours. | 16 hours. | 22 hours. | Mean. | From Min. | Inches. | 10 hours. | 22 hours. | 10 P. M. to 10 A.M. | 10 A.M. to 10 P.M. |
| 1 | 73·3 | 75·0 | 73·2 | 72·5 | 68·6 | ·727 | ·791 | ·797 | ·749 | ·685 | 70 | 75 | 93 | 84 | 92 | ... | 3 | 4·5 | K. *b. c.* | K. *b. c.* |
| 2 | 74·8 | 71·0 | 69·3 | 71·2 | 69·8 | ·759 | ·631 | ·640 | ·683 | ·707 | 68 | 60 | 73 | 73 | 93 | 0·15 | 4 | 5 | *b. c.* | K. *c.* |
| 3 | 69·7 | 70·7 | 68·9 | 68·8 | 65·8 | ·618 | ·645 | ·641 | ·628 | ·600 | 64 | 66 | 76 | 73 | 87 | ... | 3 | 4 | K. *b. c.* | K. *b. c.* |
| 4 | 69·9 | 70·9 | 72·2 | 70·0 | 66·9 | ·692 | ·671 | ·756 | ·688 | ·624 | 86 | 71 | 88 | 83 | 87 | 0·13 | 8 | 8 | K. *cloudy.* | K. *cloudy.* |
| 5 | 72·7 | 72·0 | 73·9 | 72·4 | 70·8 | ·752 | ·765 | ·819 | ·773 | ·745 | 82 | 93 | 93 | 92 | 98 | 1·29 | 9 | 9 | *r.* *cloudy.* | K. *cloudy.* |
| 6 | 75·8 | 73·7 | 73·2 | 73·8 | 72·6 | ·862 | ·801 | ·806 | ·816 | ·796 | 90 | 90 | 95 | 94 | 99 | 2·65 | 8 | 8·5 | *cloudy.* | *r.* *cloudy.* |
| 7 | 76·6 | 75·4 | 74·4 | 74·5 | 71·6 | ·874 | ·834 | ·822 | ·826 | ·769 | 86 | 84 | 88 | 90 | 98 | 0·26 | 9 | 8·5 | *cloudy.* | K. *cloudy.* |
| 8 | 73·5 | 73·9 | 73·9 | 73·1 | 71·1 | ·894 | ·822 | ·828 | ·807 | ·756 | 85 | 95 | 95 | 98 | 95 | 3·80 | 10 | 9·5 | *r. o.* | *cloudy.* |
| 9 | 77·4 | 75·2 | 74·8 | 74·8 | 71·8 | ·893 | ·823 | ·837 | ·830 | ·765 | 85 | 82 | 91 | 89 | 95 | 0·78 | 8 | 7·5 | *cloudy.* | *r.* *cloudy.* |
| 10 | 73·1 | 73·3 | 72·7 | 72·9 | 72·5 | ·755 | ·777 | ·764 | ·771 | ·781 | 80 | 85 | 86 | 86 | 95 | 0·29 | 9 | 9·5 | *cloudy.* | *o.* |
| 11 | 71·9 | 72·9 | 71·1 | 71·4 | 69·6 | ·668 | ·717 | ·727 | ·711 | ·718 | 63 | 70 | 87 | 79 | 98 | ... | 7 | 3·5 | K. *c.* | K. *c.* |
| 12 | 73·9 | 72·9 | 71·9 | 72·4 | 70·8 | ·731 | ·717 | ·730 | ·729 | ·721 | 67 | 70 | 82 | 77 | 88 | ... | 5 | 4 | K. *c.* | K. *c.* |
| 13 | 72·9 | 72·3 | 70·0 | 71·2 | 69·6 | ·757 | ·696 | ·677 | ·712 | ·713 | 82 | 69 | 80 | 83 | 97 | 0·02 | 6 | 4·5 | K. *c.* | K. *c.* |
| 14 | 71·1 | 69·9 | 68·3 | 69·0 | 66·6 | ·635 | ·604 | ·668 | ·642 | ·646 | 60 | 60 | 90 | 76 | 97 | ... | 2 | 0·7 | C. *b.* | *b.* |
| 15 | 70·9 | 70·3 | 68·9 | 69·0 | 65·7 | ·644 | ·629 | ·629 | ·634 | ·616 | 64 | 63 | 72 | 66 | 95 | ... | 3 | 3 | K. *b. c.* | K. *b. c.* |
| 16 | 71·9 | 72·0 | 69·7 | 70·1 | 66·6 | ·695 | ·681 | ·660 | ·671 | ·631 | 72 | 67 | 77 | 77 | 92 | ... | 5 | 5·5 | K. *c.* | K. *c.* |
| 17 | 71·8 | 69·9 | 68·9 | 69·8 | 68·5 | ·674 | ·630 | ·642 | ·651 | ·646 | 66 | 66 | 76 | 73 | 82 | ... | 5 | 5·5 | K. *c.* | K. *c.* |
| 18 | 69·9 | 69·9 | 67·5 | 68·5 | 66·6 | ·666 | ·625 | ·618 | ·641 | ·636 | 77 | 65 | 79 | 80 | 94 | ... | 8 | 6·5 | K. *cloudy.* | K. *cloudy.* |
| 19 | 70·7 | 70·2 | 68·9 | 68·9 | 65·8 | ·709 | ·638 | ·629 | ·652 | ·630 | 85 | 67 | 72 | 80 | 95 | ... | 5 | 6 | K. *c.* | K. *c.* |
| 20 | 68·9 | 69·3 | 68·9 | 68·3 | 66·2 | ·653 | ·630 | ·667 | ·640 | ·605 | 81 | 71 | 81 | 81 | 85 | ... | 8 | 8·5 | K. *cloudy.* | K. *cloudy.* |
| 21 | 68·1 | 71·7 | 70·8 | 69·6 | 67·6 | ·625 | ·723 | ·709 | ·675 | ·636 | 77 | 81 | 86 | 83 | 85 | 0·01 | 10 | 10 | *o.* | *o.* |
| 22 | 74·6 | 74·1 | 73·8 | 73·2 | 70·4 | ·845 | ·797 | ·808 | ·793 | ·722 | 95 | 84 | 91 | 90 | 92 | 0·57 | 10 | 10 | *r. o.* | o. |
| 23 | 74·6 | 70·9 | 70·0 | 71·8 | 71·7 | ·788 | ·651 | ·681 | ·726 | ·751 | 77 | 66 | 81 | 79 | 91 | ... | 8 | 7 | K. *cloudy.* | K. *cloudy.* |
| 24 | 72·6 | 71·9 | 71·8 | 71·0 | 67·6 | ·735 | ·720 | ·727 | ·714 | ·664 | 78 | 78 | 82 | 84 | 95 | ... | 6 | 9 | K. *c.* | K. *cloudy.* |
| 25 | 71·8 | 72·2 | 72·9 | 71·7 | 69·9 | ·768 | ·778 | ·798 | ·768 | ·720 | 90 | 95 | 95 | 96 | 96 | 1·06 | 10 | 10 | *r. o.* | *r. o.* |
| 26 | 76·8 | 74·6 | 74·8 | 74·6 | 72·2 | ·883 | ·821 | ·837 | ·845 | ·782 | 87 | 87 | 91 | 91 | 97 | 0·08 | 9 | 7·5 | K. *cloudy.* | K. *cloudy hazy* |
| 27 | 77·8 | 76·0 | 75·0 | 75·4 | 72·8 | ·914 | ·859 | ·845 | ·854 | ·791 | 87 | 87 | 92 | 91 | 94 | 0·81 | 7 | 9 | *r* *cloudy.* | K. *cloudy.* |
| 28 | 75·8 | 76·2 | 73·5 | 74·5 | 72·4 | ·855 | ·843 | ·782 | ·815 | ·764 | 89 | 80 | 85 | 86 | 88 | 0·05 | 10 | 7 | *o.* | K. *cloudy.* |
| 29 | 76·8 | 74·1 | 73·1 | 74·0 | 71·8 | ·856 | ·771 | ·780 | ·791 | ·751 | 79 | 74 | 87 | 83 | 90 | ... | 4 | 6 | K. *c.* | K. *c.* |
| 30 | 74·7 | 76·0 | 72·9 | 74·1 | 72·6 | ·805 | ·829 | ·771 | ·798 | ·771 | 82 | 78 | 86 | 84 | 88 | ... | 7 | 5 5 | K. *cloudy.* | K. *c.* |
| 31 | 75·2 | 72·9 | 69·9 | 72·2 | 70·6 | ·778 | ·715 | ·717 | ·741 | ·741 | 70 | 70 | 95 | 84 | 98 | ... | 5 | 3·5 | K. *c.* | K. *c.* |
| Mean. | 73·2 | 72·6 | 71·6 | 71·8 | 69·6 | ·758 | ·729 | ·742 | ·735 | ·706 | 78 | 76 | 85 | 83 | 93 | Total 11·95 | 6·81 | 66·5 | ... | ... |

## HOURLY MEANS AND TOTALS OF THE CHIEF METEOROLOGICAL ELEMENTS, RECORDED BY THE AUTOGRAPHIC INSTRUMENTS AT THE ALIPORE OBSERVATORY, CALCUTTA, IN DECEMBER 1887.

| Hours. | Barometer reduced to 32° Fah. Inches. | Temperature. Air. ° | Temperature. Evaporation. ° | Computed vapour tension. Inches. | Relative humidity. % | Rainfall.* Inches. | Rainfall.* No. of falls. | Total Miles of Wind.* N. | NE. | E. | SE. | S. | SW. | W. | NW. | Hours calm. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Midn. | 30·027 | 59·7 | 56·7 | ·428 | 82 | *Nil.* | *Nil.* | 19·5 | 2·5 | 0 | 0 | 0 | 0 | 0 | 7 | 14 | No Interpolated values. Registers complete. |
| 1 | ·019 | 59·3 | 56·5 | ·421 | 83 | ,, | ,, | 28 | 2·5 | 0 | 0 | 0 | 0 | 0 | 8 | 10 | |
| 2 | ·014 | 59·0 | 56·0 | ·411 | 82 | ,, | ,, | 35·5 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 11 | |
| 3 | ·006 | 58·7 | 55·6 | ·406 | 82 | ,, | ,, | 38 | 6 | 0 | 0 | 0 | 0 | 0 | 11·5 | 4 | |
| 4 | ·005 | 58·6 | 55·4 | ·400 | 81 | ,, | ,, | 44·5 | 5 | 0 | 0 | 0 | 0 | 1 | 11 | 6 | |
| 5 | ·008 | 58·3 | 55·2 | ·398 | 82 | ,, | ,, | 41 | 5 | 0 | 0 | 0 | 0 | 0·5 | 9·5 | 5 | |
| 6 | ·025 | 57·8 | 54·7 | ·390 | 81 | ,, | ,, | 29 | 4 | 0 | 0 | 0 | 0 | 0·5 | 9·5 | 4 | |
| 7 | ·043 | 57·7 | 54·7 | ·391 | 82 | ,, | ,, | 50 | 6 | 0 | 0 | 0 | 0 | 0·5 | 10 | 4 | |
| 8 | ·070 | 60·4 | 56·2 | ·398 | 75 | ,, | ,, | 58·5 | 8·5 | 0 | 0 | 0 | 0 | 0·5 | 13·5 | 3 | |
| 9 | ·092 | 64·5 | 58·2 | ·405 | 67 | ,, | ,, | 74 | 14·5 | 0 | 0 | 0 | 0 | 1 | 21 | 1 | |
| 10 | ·097 | 67·5 | 59·6 | ·409 | 61 | ,, | ,, | 93·5 | 27 | 0 | 0 | 0 | | 0 | 30 | 0 | |
| 11 | ·077 | 70·5 | 60·5 | ·399 | 53 | ,, | ,, | 105·5 | 26 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | |
| Noon. | ·050 | 72·1 | 60·7 | ·383 | 49 | ,, | ,, | 111 | 29 | 0 | 0 | 0 | 0 | 2 | 54 | 0 | |
| 13 | ·006 | 73·5 | 61·2 | ·379 | 46 | ,, | ,, | 80 | 17 | 0 | 0 | 0 | 0 | 8 | 62 | 0 | |
| 14 | 29·984 | 74·3 | 61·3 | ·372 | 43 | ,, | ,, | 69 | 20 | 0 | 0 | 0 | 0 | 8 | 62 | 0 | |
| 15 | ·963 | 74·9 | 61·5 | ·371 | 43 | ,, | ,, | 75 | 9 | 0 | 0 | 0 | 0 | 6 | 58 | 0 | |
| 16 | ·962 | 74·4 | 61·3 | ·371 | 44 | ,, | ,, | 53 | 5 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | |
| 17 | ·966 | 72·3 | 62·2 | ·427 | 54 | ,, | ,, | 12·5 | 2·5 | 0 | 0 | 0 | 0 | 0 | 5 | 15 | |
| 18 | ·980 | 67·5 | 61·1 | ·456 | 67 | ,, | ,, | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 3·5 | 16 | |
| 19 | ·996 | 64·8 | 60·0 | ·456 | 74 | ,, | ,, | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 3 | 18 | |
| 20 | 30·015 | 63·3 | 59·2 | ·452 | 78 | ,, | ,, | 12·5 | 3·5 | 0 | 0 | 0 | 0 | 0 | 4·5 | 15 | |
| 21 | ·026 | 62·0 | 58·4 | ·445 | 80 | ,, | ,, | 8·5 | 3·5 | 0 | 0 | 0 | 0 | 0 | 3·5 | 18 | |
| 22 | ·036 | 61·0 | 57·7 | ·436 | 81 | ,, | ,, | 13 | 3·5 | 0 | 0 | 0 | 0 | 0 | 2 | 20 | |
| 23 | ·031 | 60·2 | 57·2 | ·429 | 82 | ,, | ,, | 13·5 | 2 | 0 | 0 | 0 | 0 | 0 | 2·5 | 20 | |

* In the hour preceding that indicated in column 1.

## TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN DECEMBER 1887.

| Hours. | LUCKNOW. | | | | | | | | | NAGPUR. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Miles of Wind. | | | | | | | | Hours calm. | Total Miles of Wind. | | | | | | | | Hours Calm. |
| | N. | NE. | E. | SE. | S. | SW. | W. | NW. | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | |
| Midn. to 1 | 25·5 | 6·5 | 0 | 0 | 0 | 0 | 0 | 15 | 11 | 94 | 29·5 | 14 | 5·5 | 0 | 0 | 0 | 8 | 0 |
| 1 to 2 | 20·5 | 6·5 | 0 | 0 | 0 | 0 | 0 | 14 | 12 | 38·5 | 27 | 7 | 1 | 0 | 0 | 0 | 14·5 | 0 |
| 2 to 3 | 22·5 | 10 | 0 | 0 | 0 | 0 | 0 | 17·5 | 11 | 98·5 | 20·5 | 4·5 | 1·5 | 0 | 0 | 0 | 17 | 0 |
| 3 to 4 | 29·5 | 13 | 0 | 0 | 0 | 0 | 0 | 19·5 | 8 | 92 | 17·5 | 8·5 | 0 | 0 | 0 | 0 | 20 | 0 |
| 4 to 5 | 27 | 8 | 0 | 0 | 0 | 0 | 0 | 19 | 10 | 92 | 21 | 9 | 0 | 0 | 0 | 0 | 21 | 2 |
| 5 to 6 | 24·5 | 6 | 0 | 0 | 0 | 0 | 0 | 18·5 | 11 | 92·5 | 17 | 3 | 0 | 0 | 0 | 0 | 29·5 | 0 |
| 6 to 7 | 27 | 3·5 | 0 | 0 | 0 | 0 | 0 | 19·5 | 13 | 92·5 | 12·5 | 3 | 0 | 0 | 0 | 0 | 27 | 0 |
| 7 to 8 | 18 | 3 | 0 | 0 | 0 | 0 | 3 | 19 | 13 | 84 | 15·5 | 1 | 0 | 0 | 0 | 0 | 22·5 | 0 |
| 8 to 9 | 18·5 | 1·5 | 0 | 0 | 0 | 0 | 4 | 11 | 19 | 84 | 17 | 2 | 0 | 0 | 0 | 0 | 25 | 0 |
| 9 to 10 | 24 | 5 | 0 | 0 | 0 | 0 | 2 | 12 | 13 | 92 | 41 | 5 | 0 | 0 | 0 | 0 | 4 | 0 |
| 10 to 11 | 34·5 | 2 | 0 | 0 | 0 | 0 | 0 | 21·5 | 8 | 22·5 | 114·5 | 26·5 | 2·5 | 0 | 0 | 0 | 1 | 0 |
| 11 to noon | 49·5 | 1·5 | 0 | 0 | 0 | 0 | 2 | 39 | 13 | 11·5 | 83 | 80·5 | 1 | 0 | 0 | 0 | 0 | 0 |
| Noon to 13 | 46·5 | 4 | 0 | 0 | 0 | 0 | 4 | 39·5 | 12 | 10·5 | 90·5 | 67·5 | 8 | 3·5 | 0 | 0 | 0 | 0 |
| 13 to 14 | 52 | 6 | 0 | 0 | 0 | 0 | 2 | 41 | 10 | 12 | 109·5 | 52·5 | 3·5 | 1·5 | 0 | 0 | 0 | 0 |
| 14 to 15 | 65·5 | 6 | 0 | 0 | 0 | 0 | 3 | 40·5 | 12 | 22 | 105 | 58 | 3 | 0 | 0 | 0 | 0 | 0 |
| 15 to 16 | 44 | 6 5 | 0 | 0 | 0 | 0 | 2 | 29·5 | 14 | 21·5 | 84·5 | 54·5 | 5·5 | 0 | 0 | 0 | 0 | 0 |
| 16 to 17 | 22 | 7·5 | 0 | 0 | 0 | 0 | 1 | 11·5 | 15 | 15 | 82·5 | 48 | 1·5 | 0 | 0 | 0 | 0 | 2 |
| 17 to 18 | 15·5 | 5·5 | 0 | 0 | 0 | 0 | 1 | 9 | 17 | 9·5 | 55·5 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 to 19 | 18·5 | 5·5 | 0 | 0 | 0 | 0 | 1 | 17 | 15 | 17 | 58 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 to 20 | 19·5 | 6 | 0 | 0 | 0 | 0 | 1 | 17·5 | 14 | 14 | 68·5 | 27 | 1·5 | 0 | 0 | 0 | 0 | 1 |
| 20 to 21 | 18 | 9·5 | 0 | 0 | 0 | 0 | 2 | 15·5 | 13 | 11 | 46 | 21 | 3 | 0 | 0 | 0 | 0 | 0 |
| 21 to 22 | 18 | 6·5 | 0 | 0 | 0 | 0 | 2 | 15·5 | 14 | 17 | 53·5 | 16·5 | 2 | 0 | 0 | 0 | 0 | 2 |
| 22 to 23 | 23 | 6·5 | 0 | 0 | 0 | 0 | 0 | 17·5 | 13 | 19 | 47 | 25·5 | 5 | 0 | 0 | 0 | 1·5 | 0 |
| 23 to midn. | 24 | 6 | 0 | 0 | 0 | 0 | 0 | 17 | 12 | 47·5 | 53 | 12 | 10·5 | 0 | 0 | 0 | 1 | 0 |

STORAGE